Вторичные антитела

Технические характеристики

Виды товаров: вторичные антитела к полимеру HRP для ИГХ, маркировка фермента HRP, специальные наборы ИГХ, маркировка флуоресцеином, Флуоресцеин FITC (Green), красители Alexa 488 Green, CY3, CY5, кроличьи, мышиные, крысиные, козьи вторичные антитела и др.

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Second antibodies

S-vision HRP Polymer Secondary Antibody For IHC | HRP Enzyme Labeling | IHC Kits Dedicated | Fluorescein Labeling | FITC (Green) | Alexa 488 (Green) | CY3 (Red) | CY5 (Red) | Anti-Rabbit Secondary Antibody | Anti-Mouse Secondary Antibody | Anti-Rat Secondary Antibody | Anti-Goat Secondary Antibody

Products>Antibodies>Second antibodies>S-vision HRP Polymer Secondary Antibody For IHC

Cat.No.	Product Name	Spec.
G1301-100ML	S-Vision Poly-HRP Conjugated Goat Anti-Mouse IgG (H+L), Ready to Use	100 mL
G1301-10ML	S-Vision Poly-HRP Conjugated Goat Anti-Mouse IgG (H+L), Ready to Use	10 mL
G1302-100ML	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	100 mL
G1302-10ML	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	10 mL
G1303-10ML	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit and Mouse IgG (H+L), Ready to Use	10 mL
G1311-100T	S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Mouse lgG (H+L))	100 T
G1312-100T	S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Rabbit lgG (H+L))	100 T
G1313-100T	S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Mouse and Rabbit lgG (H+L))	100 T

Products>Antibodies>Second antibodies>HRP Enzyme Labeling

Cat.No.	Product Name	Spec.
GB23204	HRP Conjugated Rabbit Anti-Goat IgG (H+L)	100 μL
GB23301	HRP Conjugated Goat Anti-Mouse IgG (H+L)	100 μL
GB23302	Peroxidase-conjugated Goat Anti Rat IgG(H+L)	100 μL
GB23303	HRP conjugated Goat Anti-Rabbit IgG (H+L)	100 μL
GB23404	Peroxidase-conjugated Donkey Anti Goat IgG(H+L)	100 μL

Products>Antibodies>Second antibodies>IHC Kits Dedicated

Cat.No.	Product Name	Spec.
GB21301	Cy3 Conjugated Goat Anti-mouse IgG (H+L)	100 μL
GB21302	Cy3-Conjugated Goat Anti-Rat IgG (H+L)	100 μL
GB21303	Cy3-Conjugated Goat Anti-Rabbit IgG (H+L)	100 μL
GB21401	Cy3 Conjugated Donkey Anti-Mouse IgG (H+L)	100 μL
GB21403	Cy3 Conjugated Donkey Anti-Rabbit IgG (H+L)	100 μL
GB21404	Cy3-Conjugated Donkey Anti-Goat IgG (H+L)	100 μL
GB22301	FITC-Conjugated Goat Anti-Mouse IgG (H+L)	100 μL
GB22302	FITC Conjugated Goat Anti-Rat IgG (H+L)	100 μL
GB22303	FITC-Conjugated Goat Anti-Rabbit IgG (H+L)	100 μL

GB22401	FITC Conjugated Donkey Anti-Mouse IgG (H+L)	100 μL	
GB22403	FITC Conjugated Donkey Anti-Rabbit IgG (H+L)	100 μL	
GB22404	FITC Conjugated Donkey Anti-Goat IgG (H+L)	100 μL	
GB25301	Alexa Fluor® 488-conjugated Goat Anti-Mouse IgG (H+L)	100 μL	
GB25303	Alexa Fluor® 488-conjugated Goat Anti-Rabbit IgG (H+L)	100 μL	
GB25404	Alexa fluor 488-conjugated Donkey anti-Goat IgG(H+L)	100 μL	
GB27301	Cy5 conjugated Goat Anti-mouse IgG (H+L)	100 μL	
GB27303	Cy5 conjugated Goat Anti-rabbit IgG (H+L)	100 μL	
GB28301	Alexa Fluor® 594-conjugated Goat Anti-Rabbit IgG (H+L)	100 μL	
GB28303	Alexa Fluor® 594-conjugated Goat Anti-Mouse IgG (H+L)	100 μL	

Products>Antibodies>Second antibodies>Fluorescein Labeling

Cat.No.	Product Name	Spec.	
G1213-100UL	Goat Anti-Rabbit IgG H&L (HRP)	100 μL	
G1214-100UL	Goat Anti-Mouse IgG H&L (HRP)	100 μL	
G1215-200T	Immunohistochemistry Kit (Goat Anti-Rabbit IgG H&L (HRP))	200 T	
G1216-200T	Immunohistochemistry Kit (Goat Anti-Mouse IgG H&L (HRP))	200 T	

Products>Antibodies>Second antibodies>FITC (Green)

Cat.No.	Product Name	Spec.	
GB22301	FITC-Conjugated Goat Anti-Mouse IgG (H+L)	100 μL	
GB22302	FITC Conjugated Goat Anti-Rat IgG (H+L)	100 μL	
GB22303	FITC-Conjugated Goat Anti-Rabbit IgG (H+L)	100 μL	
GB22401	FITC Conjugated Donkey Anti-Mouse IgG (H+L)	100 μL	
GB22403	FITC Conjugated Donkey Anti-Rabbit IgG (H+L)	100 μL	
GB22404	FITC Conjugated Donkey Anti-Goat IgG (H+L)	100 μL	

Products>Antibodies>Second antibodies>Alexa 488 (Green)

Cat.No.	Product Name	Spec.	
GB25301	Alexa Fluor® 488-conjugated Goat Anti-Mouse IgG (H+L)	100 μL	
GB25303	Alexa Fluor® 488-conjugated Goat Anti-Rabbit IgG (H+L)	100 μL	
GB25404	Alexa fluor 488-conjugated Donkey anti-Goat IgG(H+L)	100 μL	

Products>Antibodies>Second antibodies>CY3 (Red)

Cat.No.	Product Name	Spec.	
GB21301	Cy3 Conjugated Goat Anti-mouse IgG (H+L)	100 μL	
GB21302	Cy3-Conjugated Goat Anti-Rat IgG (H+L)	100 μL	

GB21303	Cy3-Conjugated Goat Anti-Rabbit IgG (H+L)	100 μL
GB21401	Cy3 Conjugated Donkey Anti-Mouse IgG (H+L)	100 μL
GB21403	Cy3 Conjugated Donkey Anti-Rabbit IgG (H+L)	100 μL
GB21404	Cy3-Conjugated Donkey Anti-Goat IgG (H+L)	100 μL

Products>Antibodies>Second antibodies>CY5 (Red)

Cat.No.	Product Name	Spec.
GB27301	Cy5 conjugated Goat Anti-mouse IgG (H+L)	100 μL
GB27303	Cy5 conjugated Goat Anti-rabbit IgG (H+L)	100 μL

Products>Antibodies>Second antibodies>Anti-Rabbit Secondary Antibody

Cat.No.	Product Name	Spec.
G1213-100UL	Goat Anti-Rabbit IgG H&L (HRP)	100 μL
GB21303	Cy3-Conjugated Goat Anti-Rabbit IgG (H+L)	100 μL
GB21403	Cy3 Conjugated Donkey Anti-Rabbit IgG (H+L)	100 μL
GB22303	FITC-Conjugated Goat Anti-Rabbit IgG (H+L)	100 μL
GB22403	FITC Conjugated Donkey Anti-Rabbit IgG (H+L)	100 μL
GB23303	HRP conjugated Goat Anti-Rabbit IgG (H+L)	100 μL
GB25303	Alexa Fluor® 488-conjugated Goat Anti-Rabbit IgG (H+L)	100 μL
GB27303	Cy5 conjugated Goat Anti-rabbit IgG (H+L)	100 μL
GB28301	Alexa Fluor® 594-conjugated Goat Anti-Rabbit IgG (H+L)	100 μL

Products>Antibodies>Second antibodies>Anti-Mouse Secondary Antibody

Cat.No.	Product Name	Spec.
G1214-100UL	Goat Anti-Mouse IgG H&L (HRP)	100 μL
GB21301	Cy3 Conjugated Goat Anti-mouse IgG (H+L)	100 μL
GB21401	Cy3 Conjugated Donkey Anti-Mouse IgG (H+L)	100 μL
GB22301	FITC-Conjugated Goat Anti-Mouse IgG (H+L)	100 μL
GB22401	FITC Conjugated Donkey Anti-Mouse IgG (H+L)	100 μL
GB23301	HRP Conjugated Goat Anti-Mouse IgG (H+L)	100 μL
GB25301	Alexa Fluor® 488-conjugated Goat Anti-Mouse IgG (H+L)	100 μL
GB27301	Cy5 conjugated Goat Anti-mouse IgG (H+L)	100 μL
GB28303	Alexa Fluor® 594-conjugated Goat Anti-Mouse IgG (H+L)	100 μL

Products>Antibodies>Second antibodies>Anti-Rat Secondary Antibody

Cat.No.	Product Name	Spec.
GB21302	Cy3-Conjugated Goat Anti-Rat IgG (H+L)	100 μL
GB22302	FITC Conjugated Goat Anti-Rat IgG (H+L)	100 μL

GB23302	Peroxidase-conjugated Goat Anti Rat IgG(H+L)	100 μL

Products>Antibodies>Second antibodies>Anti-Goat Secondary Antibody

Cat.No.	Product Name	Spec.
GB21404	Cy3-Conjugated Donkey Anti-Goat IgG (H+L)	100 μL
GB22404	FITC Conjugated Donkey Anti-Goat IgG (H+L)	100 μL
GB23204	HRP Conjugated Rabbit Anti-Goat IgG (H+L)	100 μL
GB23404	Peroxidase-conjugated Donkey Anti Goat IgG(H+L)	100 μL
GB25404	Alexa fluor 488-conjugated Donkey anti-Goat IgG(H+L)	100 μL

Servicebio® S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use

Cat. No.: G1302

Product Information

Product Name	Cat. No.	Spec.
S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	G1302-10ML	10 mL
	G1302-100ML	100 mL

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining.This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1302-10ML	G1302-100ML
G1302	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	10 mL	100 mL
Product Manual		1 pc	

The Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0 (Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0 (Recommendation G1203)	Microwave Heating: Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min; Note: The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.
Blocking of the endogenous	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5

peroxidases		min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution (Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution(For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.
Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary antibody	S-vision poly-HRP conjugated antibody	incubated at RT for 20 min and washed three times with PBS.
DAB staining	DAB Substrate Kit	Add the prepared DAB working solution and develop

	(Recommendation G1212)	color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. This product is a ready-to-use reagent without dilution.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.,
3. Wear protective equipment. for your safety

Servicebio® S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use

Cat. No.: G1302

Product Information

Product Name	Cat. No.	Spec.
S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	G1302-10ML	10 mL
	G1302-100ML	100 mL

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining.This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1302-10ML	G1302-100ML
G1302	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	10 mL	100 mL
Product Manual		1 pc	

The Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0 (Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0 (Recommendation G1203)	Microwave Heating: Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min; Note: The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.
Blocking of the endogenous	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5

peroxidases		min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution (Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution(For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.
Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary antibody	S-vision poly-HRP conjugated antibody	incubated at RT for 20 min and washed three times with PBS.
DAB staining	DAB Substrate Kit	Add the prepared DAB working solution and develop

	(Recommendation G1212)	color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. This product is a ready-to-use reagent without dilution.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.,
3. Wear protective equipment. for your safety

Servicebio® S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use

Cat. No.: G1302

Product Information

Product Name	Cat. No.	Spec.
S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	G1302-10ML	10 mL
	G1302-100ML	100 mL

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining.This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1302-10ML	G1302-100ML
G1302	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	10 mL	100 mL
Product Manual		1 pc	

The Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0 (Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0 (Recommendation G1203)	Microwave Heating: Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min; Note: The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.
Blocking of the endogenous	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5

peroxidases		min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution (Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution(For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.
Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary antibody	S-vision poly-HRP conjugated antibody	incubated at RT for 20 min and washed three times with PBS.
DAB staining	DAB Substrate Kit	Add the prepared DAB working solution and develop

	(Recommendation G1212)	color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. This product is a ready-to-use reagent without dilution.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.,
3. Wear protective equipment. for your safety

Servicebio® S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use

Cat. No.: G1302

Product Information

Product Name	Cat. No.	Spec.
S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	G1302-10ML	10 mL
	G1302-100ML	100 mL

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining.This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1302-10ML	G1302-100ML
G1302	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L), Ready to Use	10 mL	100 mL
Product Manual		1 pc	

The Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0 (Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0 (Recommendation G1203)	Microwave Heating: Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min; Note: The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.
Blocking of the endogenous	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5

peroxidases		min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution (Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution(For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.
Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary antibody	S-vision poly-HRP conjugated antibody	incubated at RT for 20 min and washed three times with PBS.
DAB staining	DAB Substrate Kit	Add the prepared DAB working solution and develop

	(Recommendation G1212)	color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. This product is a ready-to-use reagent without dilution.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.,
3. Wear protective equipment. for your safety

Servicebio® S-Vision Poly-HRP Conjugated Goat Anti-Rabbit and Mouse IgG (H+L), Ready to Use

Cat. No.:G1303

Product Information

Product Name	Cat. No.	Spec.
S-Vision Poly-HRP Conjugated Goat Anti-Rabbit and Mouse IgG (H+L), Ready to Use	G1303-10ML	10 mL
	G1303-100ML	100 mL

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining.This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1303-10ML	G1303-100ML
G1303	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit and Mouse IgG (H+L), Ready to Use	10 mL	100 mL
Product Manual		1 份	

The Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution(Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0(Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0(Recommendation G1203)	Microwave Heating:Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating:Heat in the pressure cooker to air injection for 2 min; Note:The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.
Blocking of the	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min.

endogenous peroxidases		Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5 min each time.
Blocking	BSA(Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit(Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution(Recommendation G1004) hematoxylin differentiation solution(Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.。

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution(Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution(For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA(Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.
Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary	S-vision poly-HRP	incubated at RT for 20 min and washed three times with

antibody	conjugated antibody	PBS.
DAB staining	DAB Substrate Kit(Recommendation G1212)	Add the prepared DAB working solution and develop color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. This product is a ready-to-use reagent without dilution.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.,
3. Wear protective equipment. for your safety

Servicebio® S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Mouse IgG (H+L))

Cat. No.: G1311

Product Information

Product Name	Cat. No.	Spec.
S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Mouse IgG (H+L))	G1311-100T	100T

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining. This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin.. It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors. Using 100 μL secondary antibody and DAB working solution per sample, the kit can test 100 samples in total.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1311-100T
G1311-1	S-vision poly-HRP conjugated Goat Anti-Mouse IgG(H+L), Ready to use	10 mL
G1311-2	50×DAB Stock Solution	250 μL
G1311-3	DAB Diluent Solution	12.5 mL
	Product Manual	One copy

Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0 (Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0 (Recommendation G1203)	Microwave Heating: Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min; Note: The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.

Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5 min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution (Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.。

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution(For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.
Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary	S-vision poly-HRP	incubated at RT for 20 min and washed three times with

antibody	conjugated antibody	PBS.
DAB staining	DAB Substrate Kit (Recommendation G1212)	Add the prepared DAB working solution and develop color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. Reagent 1 is a ready-to-use without dilution.Reagents 2 and 3 are diluted in a 1:50 volume ratio.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.
3. The quantity of this kit is calculated according to the manual staining method. If use in the histochemical instrument, you need to calculate the dosage ratio of each component according to the steps of the instrument or directly purchase the special reagent set for the histochemical instrument..
4. Wear protective equipment. for your safety

Servicebio® S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L))

Cat. No.: G1312

Product Information

Product Name	Cat. No.	Spec..
S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Rabbit IgG (H+L))	G1312-100T	100T

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining. This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors.Using 100 μL secondary antibody and DAB working solution per sample, the kit can test 100 samples in total.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1312-100T
G1312-1	S-Vision Poly-HRP Conjugated Goat Anti-Mouse IgG(H+L), Ready to use	10 mL
G1312-2	50×DAB Stock Solution	250 μL
G1312-3	DAB Diluent Solution	12.5 mL
	Product Manual	One copy

The Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0 (Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0	Microwave Heating: Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min;

	(Recommendation G1203)	Note：The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5 min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution (Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min- n-butyl alcohol 5min-xylene Ⅰ 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.。

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution(For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.

Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary antibody	S-vision poly-HRP conjugated antibody	incubated at RT for 20 min and washed three times with PBS.
DAB staining	DAB Substrate Kit (Recommendation G1212)	Add the prepared DAB working solution and develop color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. Reagent 1 is a ready-to-use without dilution.Reagents 2 and 3 are diluted in a 1:50 volume ratio.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.
3. The quantity of this kit is calculated according to the manual staining method. If use in the histochemical instrument, you need to calculate the dosage ratio of each component according to the steps of the instrument or directly purchase the special reagent set for the histochemical instrument..
4. Wear protective equipment. for your safety

Servicebio® S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Mouse and Rabbit IgG (H+L))

Cat. No.: G1313

Product Information

Product Name	Cat. No.	Spec.
S-Vision IHC Kit (Poly-HRP Conjugated Goat Anti-Mouse and Rabbit IgG (H+L))	G1313-100T	100T

Product Description

This product utilize a dextran backbone to which multiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive, readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining.This system avoids the use of streptavidin and biotin, and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best staining ratio, reducing experimental operation errors.Using 100 μL secondary antibody and DAB working solution per sample, the kit can test 100 samples in total.

Storage and Shipping Conditions

Wet ice packs for transportation, store at 2-8℃ for 12 months.

Product Content

Component Number	Component	G1313-100T
G1313-1	S-vision poly-HRP conjugated Goat Anti-Mouse and Rabbit IgG(H+L), Ready to use	10 mL
G1313-2	50×DAB Stock Solution	250 μL
G1313-3	DAB Diluent Solution	12.5 mL
Product Manual		One copy

The Staining Process

1. Manually IHC Staining

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear Solution Ⅰ 10min-BioDewax and Clear Solution Ⅱ 10min-BioDewax and Clear Solution Ⅲ10min-absolute ethanol Ⅰ 5min-absolute ethanol Ⅱ 5min-absolute ethanol Ⅲ 5min-wash in pure water.
Antigen Retrieval	Citrate Antigen Retrieval Solution pH6.0 (Recommendation G1202)or EDTA Antigen Retrieval Solution pH 9.0 (Recommendation G1203)	Microwave Heating: Heating to boiling, maintain a temperature above 98℃ for 15-20 min, and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min; Note: The repair time is also related to the fixed time and the antigen epitope, so the conditions can be explored.

Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Dipping or incubate at room temperature for 10 min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5 min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and the tissue was completely covered by drops, and incubated at room temperature for 30 min.
Primary antibody	commercialization Primary antibody	Add a working solution to completely cover the tissue, usually 100 μL, and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered, usually 100 μL, incubated at room temperature for 20 min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10 min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution (Recommendation G1039) hematoxylin bluing solution (Recommendation G1040)	The sections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylin bluing solution for1min and washed with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

2. Automation in IHC

This protocol uses the Servicebio IHC-48 histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.。

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	Dewax at 62℃for 3min, repeated three times, Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution(For histochemical instrument)	Antigen Retrieval Solution (For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10 min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared, and incubated at room temperature for 10 min.
Primary antibody	commercialization Primary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary	S-vision poly-HRP	incubated at RT for 20 min and washed three times with

antibody	conjugated antibody	PBS.
DAB staining	DAB Substrate Kit (Recommendation G1212)	Add the prepared DAB working solution and develop color for 5-10 min, washed three times with water.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10 min., washed three times with water.
Dehydration and Mounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanol I 5min-absolute ethanol II 5min- n-butyl alcohol 5min-xylene I 5min, The section were removed from xylene and mounting.

Note

1. Reagent 1 is a ready-to-use without dilution.Reagents 2 and 3 are diluted in a 1:50 volume ratio.
2. If the background is deep, the primary antibody can be diluted by gradient to obtain better results.
3. The quantity of this kit is calculated according to the manual staining method. If use in the histochemical instrument, you need to calculate the dosage ratio of each component according to the steps of the instrument or directly purchase the special reagent set for the histochemical instrument..
4. Wear protective equipment. for your safety

Servicebio® HRP Conjugated Rabbit Anti-Goat IgG (H+L)

Cat. No.: GB23204

Product Information

Product Name	Cat. No.	Spec.
HRP Conjugated Rabbit Anti-Goat IgG (H+L)	GB23204	100 μL

Description

HRP conjugated Rabbit Anti-Goat IgG (H+L) is used to Western blot, ELISA and IHC. It can catalyze the chemical luminescence of ECL reagents in Western blot; It can catalyze the TMB to produce a detectable signal in ELISA, or to catalyze DAB to produce brown precipitation during the detection of IHC or Western blot.

Storage and Handling Conditions

Store at -20 ℃, valid for a year.

Recommended dilution ratio:

ELISA	1:5000-1:10000
WB	1:10000-1:20000
IHC	1:500-1:5000

Notes

1. Please adjust the dilution ratio according to the experimental results. Minimize repeated freezing and thawing.
2. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® HRP Conjugated Goat Anti-Mouse IgG (H+L)

Cat. No.: GB23301

Product Information

Product Name	Cat. No.	Spec.
HRP conjugated Goat Anti-Mouse IgG (H+L)	GB23301	100 μL

Description

HRP conjugated Goat Anti-Mouse IgG (H+L) is used to Western blot, ELISA and IHC. It can catalyze the chemical luminescence of ECL reagents in Western blot; It can catalyze the TMB to produce a detectable signal in ELISA, or to catalyze DAB to produce brown precipitation during the detection of IHC or Western blot.

Storage and Handling Conditions

Store at -20 ℃, valid for a year.

Recommended dilution ratio:

ELISA	1:5000-1:10000
WB	1:10000-1:20000
IHC	1:500-1:5000

Notes

1. Please adjust the dilution ratio according to the experimental results. Minimize repeated freezing and thawing.
2. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Peroxidase-conjugated Goat Anti Rat IgG(H+L)

Cat.No.：GB23302

Product Information

Product Name	Cat.No.	Spec.
Peroxidase-conjugated Donkey Anti Goat IgG(H+L)	GB23302	10 0μL

Description/Introduction

Peroxidase-conjugated Goat Anti Rat IgG (H+L) is use to Western blot, ELISA and IHC. It can catalyze the chemical luminescence of ECL reagents in Western blot; It can catalyze the TMB to produce a detectable signal in ELISA, or to catalyze DAB to produce brown precipitation during the detection of IHC or Western blot.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

ELISA 1:5000-1:10000
WB 1:10000-1:20000
IHC 1:500-1:5000

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® HRP conjugated Goat Anti-Rabbit IgG (H+L)

Cat No.: GB23303

Product Information

Product Name	Cat.No.	Spec.
HRP conjugated Goat Anti-Rabbit IgG (H+L)	GB23303	100 μL

Description

HRP conjugated Goat Anti-Rabbit IgG (H+L) is used in Western blot, ELISA and IHC applications. HRP namely Horseradish Peroxidase, which can catalyze ECL reagents to produce chemiluminescence in Western detection, TMB produces blue in ELISA, and DAB produce brown precipitation in IHC or Western blot detection.

Storage and Handling Conditions

Store at -20℃, valid for one year.

Recommended dilution ratio

ELISA 1:5000-1:10000

WB 1:10000-1:20000

IHC 1:500-1:5000

Notes

1. Please adjust the dilution ratio according to the experimental results. Minimize repeated freezing and thawing.
2. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Peroxidase-conjugated Donkey Anti Goat IgG(H+L)

Cat.No.：GB23404

Product Information

Product Name	Cat.No.	Spec.
Peroxidase-conjugated Donkey Anti Goat IgG(H+L)	GB23404	100μL

Descirption/Introduction

Peroxidase-conjugated donkey Anti Goat IgG (H+L) is use to Western blot, ELISA and IHC. It can catalyze the chemical luminescence of ECL reagents in Western blot; It can catalyze the TMB to produce a detectable signal in ELISA, or to catalyze DAB to produce brown precipitation during the detection of IHC or Western blot.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

ELISA 1:5000-1:10000
WB 1:10000-1:20000
IHC 1:500-1:5000

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. For your safety and health, please wear experimental clothes and disposable gloves. 。

Servicebio® Cy3 Conjugated Goat Anti-mouse IgG (H+L)

Cat.#：GB21301

Product Information

Product Name	Cat. No.	Spec.
Cy3 Conjugated Goat Anti-mouse IgG (H+L)	GB21301	100 μL

Description

Cy3 is a cyanine dye, the water solubility and the light stability are stronger, the fluorescence quantum yield is higher, the environment is not sensitive to pH. Cy3-conjugated Goat Anti-mouse IgG (H+L), Used in experiments such as IF, FC, etc. The excitation wavelength is 550nm and the emission wavelength is 570nm.

Storage and Handling Conditions

Store at -20℃, valid for 12 months.

Recommended Dilution Ratio

1:100—1:800

Application: IF, FC, etc.

Note:

1. The dilution ratio should be adjusted according to the experimental results. Avoid repeated freeze/thaw cycles.
2. Try to protection from light during the experiment in order to reduce fluorescence quenching.
3. For your safety and health, please wear the lab coat and wear a disposable glove operation.

Servicebio® Cy3-Conjugated Goat Anti-Rat IgG (H+L)

Cat.No.：GB21302

Product Information

Product Name	Cat.No.	Spec.
Cy3-Conjugated Goat Anti-Rat IgG (H+L)	GB21302	100 μL

Description

Cy3 is a cyanine dye, the water solubility and the light stability are stronger, the fluorescence quantum yield is higher, the environment is not sensitive to pH. Cy3-conjugated Goat Anti-rat IgG (H+L), Used in experiments such as IF, FC, etc. The excitation wavelength is 550nm and the emission wavelength is 570nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended Dilution Ratio

1:100—1:800
Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Cy3-Conjugated Goat Anti-Rabbit IgG (H+L)

Cat.No.：GB21303

Product Information

Product Name	Cat.No.	Spec.
Cy3-Conjugated Goat Anti-Rabbit IgG (H+L)	GB21303	100 μL

Description

Cy3 is a cyanine dye, the water solubility and the light stability are stronger, the fluorescence quantum yield is higher, the environment is not sensitive to pH. Cy3-conjugated Goat Anti-rabbit IgG (H+L), Used in experiments such as IF, FC, etc. The excitation wavelength is 550nm and the emission wavelength is 570nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended Dilution Ratio

1:100—1:800
Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Cy3 Conjugated Donkey Anti-Mouse IgG (H+L)

Cat.No.：GB21401

Product Information

Product Name	Cat.No.	Spec.
Cy3 Conjugated Donkey Anti-Mouse IgG (H+L)	GB21401	100 μL

Description

Cy3 (Cyanine 3) is a water-soluble cyanine dye that is brighter, more stable, and has weaker background fluorescence than other fluorescent groups. Therefore, it is widely used for labeling biological molecules, fluorescence imaging, and other fluorescent bioanalysis.

Cy3 conjugated Donkey Anti-Mouse IgG (H+L) is used for experiments such as immunofluorescence (IF) and flow cytometry (FC). It has an excitation wavelength of 550 nm and an emission wavelength of 570 nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended Dilution Ratio

1:100—1:800
Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves. 。

Servicebio® Cy3 Conjugated Donkey Anti-Rabbit IgG (H+L)

Cat.No.：GB21403

Product Information

Product Name	Cat.No.	Spec.
Cy3 Conjugated Donkey Anti-Rabbit IgG (H+L)	GB21403	100μL

Description

Cy3 (Cyanine 3) belongs to water-soluble anthocyanin dyes. This type of dye is brighter, more stable, and has weaker background than other fluorescent probes, so it is widely used for biomolecule labeling, fluorescence imaging, and other fluorescence-based biological analysis.

Cy3 conjugated Donkey Anti-Rabbit IgG (H+L) is used for IF, FC and other experiments. The excitation wavelength is 550nm and the emission wavelength is 570nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

1:100—1:800

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Cy3-Conjugated Donkey Anti-Goat IgG (H+L)

Cat.No.：GB21404

Product Information

Product Name	Cat. No.	Spec.
Cy3-Conjugated Donkey Anti-Goat IgG (H+L)	GB21404	100 μL

Description

Cy3 (Cyanine 3) is a water-soluble cyanine dye that is brighter, more stable, and has weaker background fluorescence than other fluorescent groups. Therefore, it is widely used for labeling biological molecules, fluorescence imaging, and other fluorescent bioanalysis.
Cy3 conjugated Donkey Anti-Mouse IgG (H+L) is used for experiments such as immunofluorescence (IF) and flow cytometry (FC). It has an excitation wavelength of 550 nm and an emission wavelength of 570 nm.

Storage and Handling Conditions

Store at -20℃, valid for 12 months.

Recommended Dilution Ratio

1:100—1:800

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® FITC-Conjugated Goat Anti-Mouse IgG (H+L)

Cat.No.: GB22301

Product Information

Product Name	Cat.No.	Spec.
FITC-Conjugated Goat Anti-Mouse IgG (H+L)	GB22301	100μL

Description

FITC is currently the most widely used fluorescent probe. In immunological experiments, it is often used to label fluorescence groups onto corresponding detection molecules. FITC-conjugated Goat Anti-mouse IgG (H+L) is used for IF, FC and other experiments. The excitation wavelength is 492nm and the emission wavelength is 520nm.

Storage and Handling Conditions

Store at -20℃, valid for 12 months.

Recommended Dilution Ratio

1:50-1:200
Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves. 。

FITC Conjugated Goat Anti-Rat IgG (H+L)

Cat.No. : GB22302

Brand : Servicebio

Spec.: 100 μL (FITC)

Product Information

Product Name	Cat.No.	Spec.
FITC Conjugated Goat Anti-Rat IgG (H+L)	GB22302	100 μL

Description

FITC is currently the most widely used fluorescent probe. In immunological experiments, it is often used to label fluorescence groups onto corresponding detection molecules.FITC Conjugated Goat Anti-Rat IgG (H+L) is used for IF, FC and other experiments. The excitation wavelength is 492nm and the emission wavelength is 520nm.

Storage and Handling Conditions

Store at -20℃, valid for 12 months.

Recommended Dilution Ratio

1:50—1:200

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® FITC-Conjugated Goat Anti-Rabbit IgG (H+L)

Cat.#：GB22303

Product Information

Product Name	Cat.No.	Spec.
FITC-Conjugated Goat Anti-Rabbit IgG (H+L)	GB22303	100μL

Description

FITC is currently the most widely used fluorescent probe. In immunological experiments, it is often used to label fluorescence groups onto corresponding detection molecules. FITC-labeled Goat Anti-Rabbit IgG (H+L) (FITC conjugated Goat Anti-Rabbit IgG (H+L)) is used for IF, FC and other experiments. The excitation wavelength is 492nm and the emission wavelength is 520nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended Dilution Ratio

1:50—1:200

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® FITC Conjugated Donkey Anti-Mouse IgG (H+L)

Cat.#：GB22401

Product Information

Product Name	Cat. No.	Spec.
FITC Conjugated Donkey Anti-Mouse IgG (H+L)	GB22401	100 μL

Description

FITC is currently the most widely used fluorescent probe. In immunological experiments, it is often used to label fluorescence groups onto corresponding detection molecules. FITC Conjugated Donkey Anti-Mouse IgG (H+L) is used for IF, FC and other experiments. The excitation wavelength is 492nm and the emission wavelength is 520nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended Dilution Ratio

1:50—1:200

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® FITC Conjugated Donkey Anti-Rabbit IgG (H+L)

Cat. NO.：GB22403

Product Information

Product Name	Cat. No.	Spec.
FITC Conjugated Donkey Anti-Rabbit IgG (H+L)	GB22403	100 μL

Description

FITC is currently the most widely used fluorescent probe. In immunological experiments, it is often used to label fluorescence groups onto corresponding detection molecules. FITC conjugated Donkey Anti-Rabbit IgG (H+L) is used for IF, FC and other experiments. The excitation wavelength is 492nm and the emission wavelength is 520nm.

Storage and Handling Conditions

Store at -20℃, valid for 12 months.

Recommended Dilution Ratio

1:50—1:200

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® FITC Conjugated Donkey Anti-Goat IgG (H+L)

Cat.#：GB22404

Product Information

Product Name	Cat. No.	Spec.
FITC Conjugated Donkey Anti-Goat IgG (H+L)	GB22404	100 μL

Description

Fluorescein isothiocyanate (FITC) is a derivative of fluorescein used in wide-ranging applications. FITC has excitation and emission spectrum peak wavelengths of approximately 492 nm/520 nm, giving it a green color. Like most fluorochromes, it is prone to photobleaching. FITC-conjugated donkey Anti-goat IgG (H+L),Used in experiments such as IF, FC, etc.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

1:50—1:200

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Alexa Fluor® 488-conjugated Goat Anti-Mouse IgG (H+L)

Cat. No.: GB25301

Product Information

Product Name	Cat.No.	Spec.
Alexa Fluor® 488-conjugated Goat Anti-Mouse IgG (H+L)	GB25301	100μL

Description

Alexa Fluor® 488 is a new type of green fluorescent probe, which has the advantages of high brightness and good stability. Alexa fluor 488-conjugated Goat anti-mouse IgG (H+L) is the secondary antibody for if and FC. The excitation wavelength is 493nm and the emission wavelength is 519nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

1:100-1:800
Application: IF, FC, etc.

Note

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Alexa Fluor® 488-conjugated Goat Anti-Mouse IgG (H+L)

Cat. No.: GB25303

Product Information

Product Name	Cat.No.	Spec.
Alexa fluor 488-conjugated Goat anti-Rabbit IgG(H+L)	GB25303	100μL

Description

Alexa fluor 488 is a new type of green fluorescent probe, which has the advantages of high brightness and good stability. Alexa fluor 488-conjugated Goat anti-Mouse IgG(H+L) is the secondary antibody for if and FC. The excitation wavelength is 493nm and the emission wavelength is 519 nm.

Storage and Handling Conditions

Store at -20℃, valid for 12 months.

Recommended Dilution Ratio

1:100-1:800

Application: IF, FC, etc.

Note

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves..

Servicebio® Cy5 conjugated Goat Anti-rabbit IgG (H+L)

Cat.No.：GB27303

Product Information

Product Name	Cat.No.	Spec.
Cy5 conjugated Goat Anti-rabbit IgG (H+L)	GB27301	100 μL

Description/Introduction

Cy5 conjugated Goat Anti-rabbit IgG (H+L) is used for experiments such as immunofluorescence (IF) and flow cytometry (FC). It has an excitation wavelength of 648 nm and an emission wavelength of 662 nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

1:100-1:400

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Alexa Fluor® 594-conjugated Goat Anti-Rabbit IgG (H+L)

Cat.No.：GB28301

Product Information

Product Name	Cat.No.	Spec.
Alexa Fluor® 594-conjugated Goat Anti-Rabbit IgG (H+L)	GB28301	100 μL

Description/Introduction

Alexa Fluor® 594 is a novel red fluorescent probe with the advantages of high brightness and good stability. Alexa Fluor® 594-conjugated Goat Anti-Rabbit IgG (H+L) is used as a secondary antibody for immunofluorescence (IF). It has an excitation wavelength of 591 nm and an emission wavelength of 614 nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

1:100-1:800

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Alexa Fluor® 594-conjugated Goat Anti-Mouse IgG (H+L)

Cat.No.：GB28303

Product Information

Product Name	Cat.No.	Spec.
Alexa Fluor® 594-conjugated Goat Anti-Mouse IgG (H+L)	GB28303	100 μL

Description/Introduction

Alexa Fluor® 594 is a novel red fluorescent probe known for its high brightness and excellent stability. Alexa Fluor® 594-conjugated Goat Anti-Mouse IgG (H+L) is used as a secondary antibody for immunofluorescence (IF). It has an excitation wavelength of 591 nm and an emission wavelength of 614 nm.

Storage and Handling Conditions

Store at -20℃ ,valid for 12 months.

Recommended dilution ratio

1:100-1:800

Application: IF, FC, etc.

Note:

1. Please adjust the specific dilution ratio according to the experimental results. Try to reduce repeated freezing and thawing.
2. Try to avoid light and reduce quenching during the experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

Servicebio® Immunohistochemistry Kit (Goat Anti-Mouse IgG H&L (HRP))

Cat No.: G1216-200T

Product Information

Product Name	Cat.No.	Spec.
Immunohistochemistry Kit (Goat Anti-Mouse IgG H&L (HRP))	G1216-200T	200T

Description

This Kit is a highly sensitive two-step Immunohistochemistry kit, which is suitable for the primary antibody derived from Mouses. The kit can be used in Western blot, and IHC applications. The color reaction principle is based on DAB reaction. Firstly, primary antibody of mouse origin binds to the antigen in test species. Then secondary antibody, HRP conjugated Goat Anti-Mouse IgG(H+L) combined with primary antibody. Next, DAB interacts with HRP, because DAB is the substrate of horseradish peroxidase (HRP). Under the catalysis of HRP, DAB produces Brown precipitation to realize signal amplification and color development.

Storage and Handling Conditions

Transport by wet ice; Secondary Antibody storage at -20°C; DAB diluent and 50×DAB stock solution storage at 4°C; Valid for 12 months.

Component

Component Number	Component	G1216-200T
G1216-1	DAB diluent	12.5 mL
G1216-2	50×DAB stock solution	250 μL
G1216-3	Goat Anti-Mouse IgG H&L (HRP)	100 μL
Instruction Manual		1 pc

Assay Protocol / Procedures

Preparation

1. Self-prepared PBS (recommended G4202, G0002), Nucleus counterstaining reagent (recommended hematoxylin stain solution G1004, hematoxylin differentiation solution G1039 Hematoxylin bluing solution G1040), gradient alcohol, xylene, sealing agent, etc.
2. Preparation of secondary antibody working solution: HRP-conjugated Goat Anti-Mouse IgG(H+L) was diluted with PBST (pH 7.2-7.4) in the ratio of 1:200 to obtain the secondary antibody working solution. Ready to use within 48 hours.
3. Prepare DAB color developing working solution: Add 20μL 50×DAB stock solution to every 1 ml DAB diluent , mix well and set aside. Prepared on demand, ready to use.

Operation steps

1. According to the routine IHC steps, after dewaxing, antigen repair, blocking and primary antibody incubation, the tissue sections were washed with PBS three times for 5 minutes each time.
2. Secondary antibody incubation: add 50-100μL secondary antibody working solution on each slice, completely covered the tissue and incubated at room temperature for 30-60 min. Wash three times with PBS for 5min each time.
3. DAB chromogenic reaction: add 50-100μL DAB working solution on each section, incubated at room

temperature for several minutes. The color developing time is controlled under the microscope. To the desired effect, and then immediately wash with water to terminate the color development.

4. (OPTIONAL)Nucleus counterstaining: the sections are counterstained with hematoxylin stain solution for about 3-5 minutes; washed with tap water; differentiated with hematoxylin differentiation solution for 3-5 seconds; washed with tap water; treated with hematoxylin bluing solution; washed with running water for 3-5 seconds.
5. Dehydration and mounting: Sections were dehydrated by gradient alcohol in the usual steps, transparent with xylene, and sealed with neutral gum.

Note

1. If the background is too deep during the IHC chromogenic reaction, consider to extend the washing time, use appropriate blocking solution for mounting, inactive the endogenous catalase, shorten the chromogenic reaction time, reduce the concentration of secondary antibodies, etc. If there is no chromogenic reaction or the chromogenic reaction is too light, the concentration of primary antibodies and secondary antibodies can be properly increased, the chromogenic reaction time can be extended. Second, secondary antibodies were tested for normal color development.
2. DAB is harmful to humans, when operating be careful, and be protected from direct contact or inhalation

Servicebio® Immunohistochemistry Kit (Goat Anti-Rabbit IgG H&L (HRP))

Cat. No.: G1215-200T

Product Information

Product Name	Cat.No.	Spec.
Immunohistochemistry Kit (Goat Anti-Rabbit IgG H&L (HRP))	G1215-200T	200 T

Description

This Kit is a highly sensitive two-step Immunohistochemistry kit, which is suitable for the primary antibody derived from Rabbit. The kit can be used in Western blot, and IHC applications. The color reaction principle is based on DAB reaction. Firstly, primary antibody of Rabbit origin binds to the antigen in test species. Then secondary antibody, Goat Anti-Rabbit IgG H&L (HRP) combined with primary antibody. Next, DAB interacts with HRP, because DAB is the substrate of horseradish peroxidase (HRP). Under the catalysis of HRP, DAB produces Brown precipitation to realize signal amplification and color development.

Storage and Handling Conditions

Transport by wet ice; Secondary Antibody storage at -20°C; DAB diluent and 50×DAB stock solution storage at 4°C; Valid for 12 months.

Component

Component Number	Component	G1215-200T
G1215-1	DAB diluent	12.5 mL
G1215-2	50×DAB stock solution	250 μL
G1215-3	Goat Anti-Rabbit IgG H&L (HRP)	100 μL
Instruction Manual		1 pc

Assay Protocol

Preparation

1. Self-prepared PBS (recommended G4202, G0002), Nucleus counterstaining reagent (recommended hematoxylin stain solution G1004, hematoxylin differentiation solution G1039 Hematoxylin returning blue solution g1040), gradient alcohol, xylene, sealing agent, etc.
2. Preparation of secondary antibody working solution: Goat Anti-Rabbit IgG H&L (HRP) was diluted with PBST (pH 7.2-7.4) in the ratio of 1:200 to obtain the secondary antibody working solution. Ready to use within 48 hours.
3. Prepare DAB color developing working solution: Add 20μL 50×DAB stock solution to every 1 ml DAB diluent , mix well and set aside. Prepared on demand, ready to use.

Operation Steps

1. According to the routine IHC steps, after dewaxing, antigen repair, blocking and primary antibody incubation, the tissue sections were washed with PBS three times for 5 minutes each time.
2. Secondary antibody incubation: add 50-100μL secondary antibody working solution on each slice, completely covered the tissue and incubated at room temperature for 30-60 min. Wash three times with PBS for 5min each time.
3. DAB chromogenic reaction: add 50-100μL DAB working solution on each section, incubated at room temperature for several minutes. The color developing time is controlled under the microscope. To the desired effect, and then immediately wash with water to terminate the color development.
4. (OPTIONAL)Nucleus counterstaining: the sections are counterstained with hematoxylin stain solution for about 3-5 minutes; washed with tap water; differentiated with hematoxylin differentiation solution for 3-5 seconds; washed with tap water; treated with hematoxylin bluing solution; washed with running water for 3-5 seconds.
5. Dehydration and mounting: Sections were dehydrated by gradient alcohol in the usual steps, transparent with xylene, and sealed with neutral gum.

Note

1. If the background is too deep during the IHC chromogenic reaction, consider to extend the washing time, use appropriate blocking solution for mounting, inactive the endogenous catalase, shorten the chromogenic reaction time, reduce the concentration of secondary antibodies, etc. If there is no chromogenic reaction or the chromogenic reaction is too light, the concentration of primary antibodies and secondary antibodies can be properly increased, the chromogenic reaction time can be extended. Second, secondary antibodies were tested for normal color development.
2. DAB is harmful to humans, when operating be careful, and be protected from direct contact or inhalation

Servicebio® Goat Anti-Mouse IgG H&L (HRP)

Cat No.: G1214-100UL

Product Information

Product Name	Cat.No.	Spec.
Goat Anti-Mouse IgG H&L (HRP)	G1214-100UL	100 μL

Description

Goat Anti-Mouse IgG H&L (HRP) is a molecule for horseradish peroxidase (HRP) conjugated goat anti-mouse IgG, imported and packaged independently, which can be used for IHC, Western blotting and other experiments. This product is suitable for primary antibody of rabbit origin. In IHC and Western blotting experiments, Goat Anti-mouse IgG H&L labeled with HRP was combined with mouse-derived primary antibody (reacted with antigen first) and then reacted with DAB.DAB is the substrate of horseradish peroxidase (HRP). Under the catalysis of HRP, DAB produces brown precipitation to realize signal amplification and chromogenic.

Storage and Handling Conditions

Transport with wet ice. Store at -20°C, valid for 12 months

Component

Component	G1214-100UL
Goat Anti-Mouse IgG H&L (HRP)	100 μL
Manual	1 pc

Assay Protocol

1. For Western blotting or IHC experiments, please refer to the relevant experimental steps. ;
2. Dilution ratio of 1:200 was recommended for IHC detection;
3. Dilution ratio of 1:5000 was recommended for Western blotting detection;
4. Adjust according to the actual chromogenic situation.

Note

Please wear experimental suits and disposable gloves when operation.

Servicebio® Goat Anti-Rabbit IgG H&L (HRP)

Cat No.: G1213-100UL

Product Information

Product Name	Cat.No.	Spec.
Goat Anti-Rabbit IgG H&L (HRP)	G1213-100UL	100 μL

Description

Goat Anti-Rabbit IgG H&L (HRP) is a molecule for horseradish peroxidase (HRP) conjugated goat anti-rabbit IgG, imported and packaged independently, which can be used for IHC, Western blotting and other experiments. This product is suitable for primary antibody of rabbit origin. In IHC and Western blotting experiments, Goat Anti-Rabbit IgG (H+L) labeled with HRP was combined with rabbit-derived primary antibody (reacted with antigen first) and then reacted with DAB. DAB is the substrate of horseradish peroxidase (HRP). Under the catalysis of HRP, DAB produces brown precipitation to realize signal amplification and chromogenic.

Storage and Handling Conditions

Transport with wet ice. Store at -20°C, valid for 12 months.

Component

Component	G1213-100UL
Goat Anti-Rabbit IgG H&L (HRP)	100μL
Manual	1 pc

Assay Protocol

1. For Western blotting or IHC experiments, please refer to the relevant experimental steps;
2. Dilution ratio of 1:200 was recommended for IHC detection;
3. Dilution ratio of 1:5000 was recommended for Western blotting detection;
4. Adjust according to the actual chromogenic situation.

Note

Please wear experimental suits and disposable gloves when operation.

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
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Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
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