

Anti-Semaphorin 4A/SEMA4A/Semaphorin B antibody



Catalog Number: 103648

Product name

Anti-Semaphorin 4A/SEMA4A/Semaphorin B antibody

Immunogen

[Human Semaphorin 4A/SEMA4A/Semaphorin B \(His Tag\) recombinant protein](#)

Specificity

Human Semaphorin 4A / SEMA4A / Semaphorin B

Antibody description

Rabbit polyclonal to Semaphorin 4A/SEMA4A/Semaphorin B

Preparation

Produced in rabbits immunized with purified, recombinant Human Semaphorin 4A / SEMA4A / Semaphorin B (rh Semaphorin 4A / SEMA4A / Semaphorin B; NP_071762.2; Met 1-His 683). Semaphorin 4A / SEMA4A / Semaphorin B specific IgG was purified by Human Semaphorin 4A / SEMA4A / Semaphorin B affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

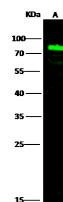
WB: 10-20 µg/mL

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human SEMA4A. The detection limit for Human SEMA4A is approximately 0.00245 ng/well.

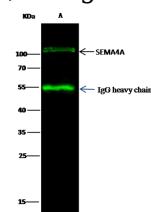
IP: 1-4 µg/mg of lysate

Validations



Lanes	A
Items	
Sample (Membrane lysate)	Jurkat
Sample Volume (µg/lane)	20
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	10-20 µg/ml
Secondary Antibody	Dylight 800 labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution. Developed using Odyssey imaging system.
Explanation	Predicted band size : 84 kDa Observed band size : 84 kDa

Semaphorin 4A / SEMA4A / Semaphorin B Antibody, Rabbit PAb, Antigen Affinity Purified,



Lanes	A
Items	
Sample (whole cell lysate)	Jurkat
Sample quantity	0.5 µg
IP antibody quantity	2 µg
Protein G agarose	15 µl of 50% Protein G Agarose
Gel	13% SDS-PAGE reducing gel
Primary antibody	SEMA4A antibody at 10 µg/ml [Cat# 11756-RP02]
Secondary antibody	Dylight 800 labeled antibody to rabbit IgG (H+L) at 1:5000 dilution

Western blot

Semaphorin 4A / SEMA4A / Semaphorin B

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