

Semaphorin 4D / CD100 Rabbit mAb

Catalog No.: A21070 **Recombinant**

Basic Information

Observed MW

140kDa

Calculated MW

96kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

CloneNo number

ARC2801

Background

Enables identical protein binding activity; semaphorin receptor binding activity; and transmembrane signaling receptor activity. Involved in several processes, including positive regulation of phosphatidylinositol 3-kinase signaling; regulation of neuron projection development; and regulation of phosphate metabolic process. Is integral component of plasma membrane.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

10507

Swiss Prot

Q92854

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-200 of human Semaphorin 4D / CD100 (NP_006369.3).

Synonyms

A8; GR3; BB18; CD100; COLL4; SEMA4; coll-4; C9orf164; M-sema-G; Semaphorin 4D / CD100

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

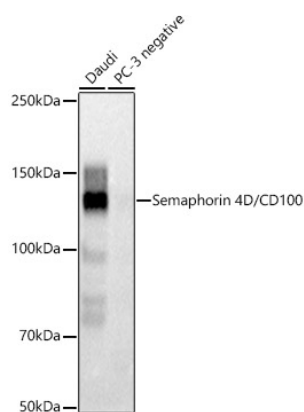
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Semaphorin 4D / CD100 Rabbit mAb (A21070) at 1:1000 dilution.

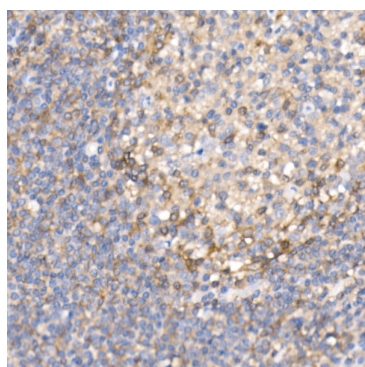
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded human tonsil using Semaphorin 4D / CD100 Rabbit mAb (A21070) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.