

Datasheet for ABIN2855461
anti-SEMA4D/CD100 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	SEMA4D/CD100 (SEMA4D)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA4D/CD100 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CD100. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to CD100 (sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D) CD100 antibody [N2C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SEMA4D/CD100 (SEMA4D)
Alternative Name:	semaphorin 4D (SEMA4D Products)

Target Details

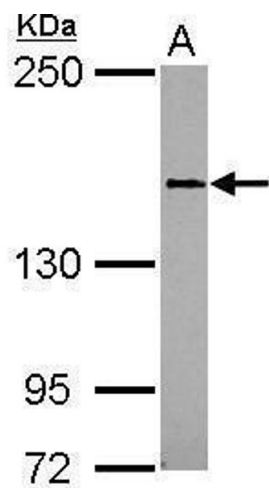
Background:	May play a functional role in the immune system, as well as in the nervous system. Induces B-cells to aggregate and improves their viability in vitro.
	Cellular Localization: Membrane, Single-pass type I membrane protein
Molecular Weight:	96 kDa
Gene ID:	10507
UniProt:	Q92854
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
293T 5% SDS PAGE antibody diluted at 1:1000