

Product Name: CD100 Rabbit Polyclonal Antibody
Catalog #: APRab08181



Summary

Production Name	CD100 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SEMA4D
Alternative Names	SEMA4D; C9orf164; CD100; SEMAJ; Semaphorin-4D; A8; BB18; GR3; CD100
Gene ID	10507.0
SwissProt ID	Q92854.The antiserum was produced against synthesized peptide derived from the N-terminal region of human SEMA4D. AA range:61-110

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:20000.Not yet tested in other applications.
Molecular Weight	95kDa

Background

Product Name: CD100 Rabbit Polyclonal Antibody
Catalog #: APRab08181

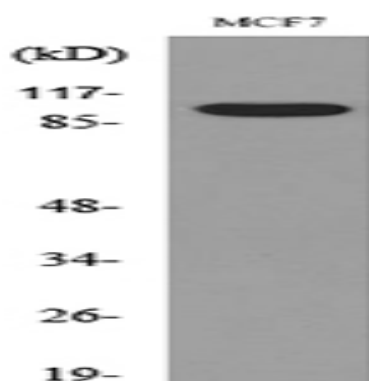


function: May play a functional role in the immune system, as well as in the nervous system. Induces B-cells to aggregate and improves their viability in vitro., similarity: Belongs to the semaphorin family., similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity: Contains 1 PSI domain., similarity: Contains 1 Sema domain., subunit: Homodimer. Binds PLXNB1., tissue specificity: Strongly expressed in skeletal muscle, peripheral blood lymphocytes, spleen, and thymus and also expressed at lower levels in testes, brain, kidney, small intestine, prostate, heart, placenta, lung and pancreas, but not in colon and liver., function: 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., similarity: Belongs to the semaphorin family., similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity: Contains 1 PSI domain., similarity: Contains 1 Sema domain., subunit: Homodimer. Binds PLXNB1., tissue specificity: Strongly expressed in skeletal muscle, peripheral blood lymphocytes, spleen, and thymus and also expressed at lower levels in testes, brain, kidney, small intestine, prostate, heart, placenta, lung and pancreas, but not in colon and liver.,

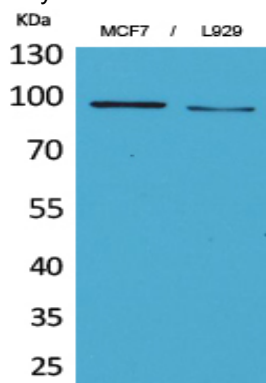
Research Area

Axon guidance;

Image Data



Western blot analysis of lysate from MCF7 cells, using SEMA4D Antibody.



Western Blot analysis of MCF7, L929 cells using CD100 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

Product Name: CD100 Rabbit Polyclonal Antibody
Catalog #: APRab08181



Note

For research use only.