

CD100 Polyclonal Antibody

Catalog No: YT5259

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: CD100

Fields: >>Axon guidance

Gene Name: SEMA4D

Protein Name: Semaphorin-4D

Q92854

O09126

Human Gene Id: 10507

Human Swiss Prot

iuman Swiss From

No:

Mouse Gene Id: 20354

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the N-

terminal region of human SEMA4D. AA range:61-110

Specificity: CD100 Polyclonal Antibody detects endogenous levels of CD100 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



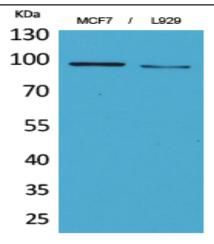
Best Tools for immunology Research -15°C to -25°C/1 year(Do not lower than -25°C) **Storage Stability: Observed Band:** 95kD **Cell Pathway:** Axon guidance; **Background:** function: May play a functional role in the immune system, as well as in the nervous system. Induces B-cells to aggregate and improves 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:** 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., Subcellular Cell membrane; Single-pass type I membrane protein. Location: Strongly expressed in skeletal muscle, peripheral blood lymphocytes, spleen, **Expression:** 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. Sort: 3351

No4:

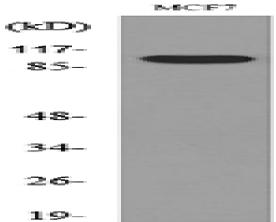
Host: Rabbit

Modifications: Unmodified

Products Images



Western Blot analysis of MCF7, L929 cells using CD100 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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