

小鼠抗 SEMA4D 单克隆抗体

中文名称： 小鼠抗 SEMA4D 单克隆抗体

英文名称： Anti-SEMA4D mouse monoclonal antibody

别名： semaphorin 4D; CD100; COLL4; SEMAJ; coll-4; C9orf164; M-sema-G

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： SEMA4D

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

Cell surface receptor for PLXN1B and PLXNB2 that plays an important role in cell-cell signaling. Promotes reorganization of the actin cytoskeleton and plays a role in axonal growth cone guidance in the developing central nervous system. Regulates dendrite and axon branching and morphogenesis. Promotes the migration of cerebellar granule cells and of endothelial cells. Plays a role in the immune system; induces B-cells to aggregate and improves their viability (in vitro). Promotes signaling via SRC and PTK2B/PYK2, which then mediates activation of phosphatidylinositol 3-kinase and of the AKT1 signaling cascade. Interaction with PLXNB1 mediates activation of RHOA.

Applications:	WB, IHC
Name of antibody:	SEMA4D
Immunogen:	Fusion protein of human SEMA4D
Full name:	semaphorin 4D
Synonyms:	CD100; COLL4; SEMAJ; coll-4; C9orf164; M-sema-G
SwissProt:	Q92854
IHC positive control:	Human kidney tissue
IHC Recommend dilution:	200-500
WB Predicted band size:	96 KD
WB Positive control:	Jurkat cell lysate
WB Recommended dilution:	500-2000