

## 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

<b>Background:</b>	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.
<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	SEMA4D

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