

SEMAPHORIN 4D RABBIT MAB

货号: N262881

产品全名: Semaphorin 4D 兔单克隆抗体

基因符号 CD100; COLL4; SEMAJ; coll-4; C9orf164; M-sema-G

UNIPROT ID: Q92854

背景: Cell surface receptor for PLXNB1 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.

抗原: A synthetic peptide of human Semaphorin 4D

经过测试的应用: WB, ICC/IF

推荐稀释比: WB: 1/500-1/1000 IF: 1/50-1/200

种属反应性: Rabbit

克隆性: Rabbit Monoclonal

克隆编号: R05-2E3

分子量: Calculated MW: 96 kDa; Observed MW: 120 kDa

亚型: IgG

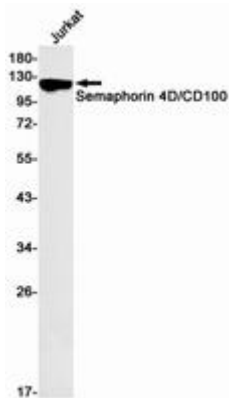
纯化: Affinity Purified

种属反应性: Human

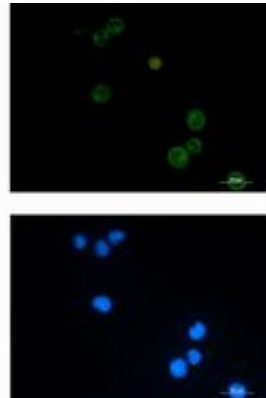
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Immunology

储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Semaphorin 4D/CD100 in Jurkat lysates using Semaphorin 4D/CD100 antibody.



Immunocytochemistry analysis of Semaphorin 4D (green) in Jurkat using Semaphorin 4D antibody, and DAPI (blue).