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12-9631-PE: PE-conjugated Anti-SEMA4D antibody(11G2), IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	11G2
Application :	Flow Cyt
Reactivity :	Human
Conjugate :	PE-conjugated
Gene :	SEMA4D
Uniprot ID :	Q92854
Alternative Name :	A8;BB18;GR3;CD100;C9orf164;CD100;SEMAJ
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

Cell surface receptor for PLXNB1 and PLXNB2 that plays an important role in cell-cell signaling (PubMed:20877282). Regulates GABAergic synapse development (By similarity). Promotes the development of inhibitory synapses in a PLXNB1-dependent manner (By similarity). Modulates the complexity and arborization of developing neurites in hippocampal neurons by activating PLXNB1 and interaction with PLXNB1 mediates activation of RHOA (PubMed:19788569). Promotes the migration of cerebellar granule cells (PubMed:16055703). Plays a role in the immune system; induces B-cells to aggregate and improves their viability (in vitro) (PubMed:8876214). Induces endothelial cell migration through the activation of PTK2B/PYK2, SRC, and the phosphatidylinositol 3-kinase-AKT pathway (PubMed:16055703).[UniProtKB/Swiss-Prot Function]

Product Info

Amount :	100 Test
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Liquid PBS with 0.05% Proclin300, 1% BSA
Storage condition :	Store at 2°C-8°C for 6 months

Application Note

Flow Cyt 1:100

For Research Use Only. Not for use in diagnostic/therapeutics procedures.