

Plexin A1 Antibody FITC Conjugated

Catalog No: #C04269F

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Description

Product Name	Plexin A1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B B B B B
Immunogen Description	KLH conjugated synthetic peptide aa 930-980 1896 derived from human Plexin A1
Conjugates	FITC
Target Name	Plexin A1
Other Names	NOV; NOV; PLXN1; PLEXIN-A1; Semaphorin receptor NOV; PLXNA1
Accession No.	Swiss-Prot#Q9UIW2NCBI Gene ID5361
Uniprot	Q9UIW2
GeneID	5361;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm (By similarity).

Note: This product is for in vitro research use only