

SEMA5B Semaphorin 5B Antibody FITC Conjugated

Catalog No: #C01240F

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Description

Product Name	SEMA5B Semaphorin 5B Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC,IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human SEMA5B Semaphorin 5B
Conjugates	FITC
Target Name	SEMA5B Semaphorin 5B
Other Names	SEM5B_HUMAN; SEMA5B; SEMAG; Semaphorin-5B; SemG.
Excitation Emission	494nm 518nm
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

ICC=1:50-200 IF=1:50-200

Background

Semaphorins are a family of cell surface and secreted proteins that are conserved from insects to humans. Members of this family of proteins are approximately 750 amino acids in length (including signal sequences) and are defined by a conserved extracellular α -semaphorin domain of approximately 500 amino acids containing 14-16 cysteines, blocks of conserved sequences and no obvious repeats. Secreted and cell-bound semaphorins chemically attract and repel the growth of neural axons, guiding the development of intricate networks of neural tissue. SEMA5B (semaphorin-5B), also known as SEMAG, is a 1151 amino acid member of the semaphorin family. Localized to the membrane, SEMA5B is a single-pass type III protein that functions to convey positive axonal guidance cues and can induce calpain-mediated cleavage of calcineurin. Three isoforms exist due to alternative splicing events.

Note: This product is for in vitro research use only