

Plexin A1 Conjugated Antibody

Catalog No: #C49704



Package Size: #C49704-AF350 100ul #C49704-AF405 100ul #C49704-AF488 100ul

#C49704-AF555 100ul #C49704-AF594 100ul #C49704-AF647 100ul

#C49704-AF680 100ul #C49704-AF750 100ul #C49704-Biotin 100ul

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Description

Product Name	Plexin A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NOV antibody NOV/plexin A1 protein antibody NOVP antibody Plexin-A1 antibody Plexin1 antibody PlexinA1 antibody PLXA1_HUMAN antibody PLXN1 antibody Plxna1 antibody PLXNA1 protein antibody Semaphorin receptor NOV antibody
Accession No.	Swiss-Prot#:Q9UIW2
Uniprot	Q9UIW2
GeneID	5361;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	211 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

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.

Note: This product is for in vitro research use only