

Rabbit Plexin A1 Monoclonal Antibody | anti-PLXNA1 antibody

Plexin A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312565	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

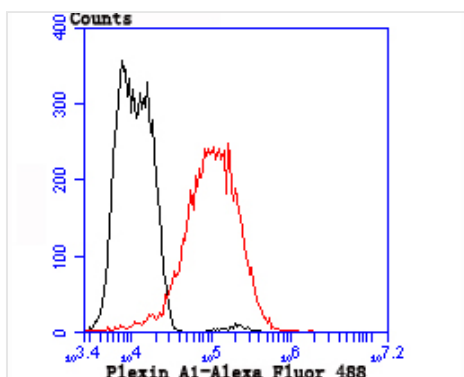
PRODUCT SYNONYMS

Plexin A1; Monoclonal Antibody; Plexin A1 Antibody; 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; anti-PLXNA1 antibody

PRODUCT SPECIFICATIONS

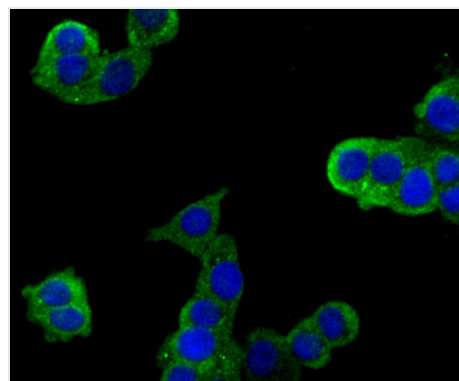
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JU50-37
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PLXNA1 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of LOVO cells with Plexin A1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



ICC (Immunocytochemistry)

ICC staining Plexin A1 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-PLXNA1 antibody	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.
Product Categories/Family for anti-PLXNA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	262118282
NCBI GeneID	5361
NCBI Accession #	NP_115618.3
NCBI GenBank Nucleotide #	NM_032242.3
UniProt Accession #	Q9UIW2
Molecular Weight	211,067 Da
NCBI Official Full Name	plexin-A1
NCBI Official Synonym Full Names	plexin A1
NCBI Official Symbol	PLXNA1
NCBI Official Synonym Symbols	NOV; NOV ^P ; PLXN1; PLEXIN-A1
NCBI Protein Information	plexin-A1; plexin 1; semaphorin receptor NOV
UniProt Protein Name	Plexin-A1
UniProt Gene Name	PLXNA1
UniProt Synonym Gene Names	NOV; PLXN1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/plexin-a1-antibody-clone-ju50-37-flow-cytometry-immunocytochemistry-western-blot-elisa/312565>