

Mouse PLXNA2 Monoclonal Antibody | anti-PLXNA2 antibody

PLXNA2 (Plexin A2, KIAA0463, OCT, PLXN2, Plexin-A2, Semaphorin Receptor OCT, FLJ11751, FLJ30634)

CATALOG # AAA24053	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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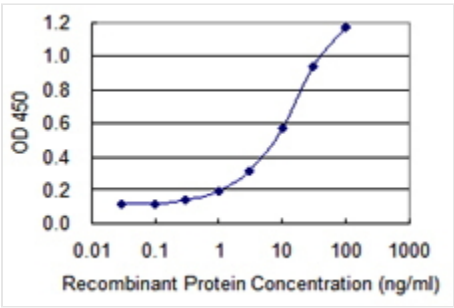
PRODUCT SYNONYMS

PLXNA2; Monoclonal Antibody; PLXNA2 (Plexin A2; KIAA0463; OCT; PLXN2; Plexin-A2; Semaphorin Receptor OCT; FLJ11751; FLJ30634); Anti -PLXNA2 (Plexin A2; anti-PLXNA2 antibody

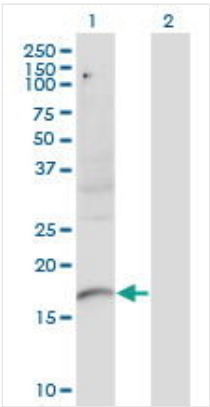
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2G5
Specificity	Recognizes human PLXNA2. Species Crossreactivity: mouse and rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	MHSQVFAFP YSLPLRFWVN VIKNPQFVFD IHKGSITDAC LSVVAQTFMD SCSTSEHRLD KDSPSNKLLY AKDIPSYKSW VERYYADIAK LPAISDQDMN AYLAEQSRLH AVEFNMLSAL NEIYSYVSKY SEELIGALEQ DEQARRQRLA YKVEQLINAM SIES
Applicable Applications for anti-PLXNA2 antibody	ELISA, WB (Western Blot)
Application Notes	Suitable for use in ELISA and Western Blot.
Immunogen	Full length recombinant corresponding to aa1-165 from human PLXNA2 (AAH32125) with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

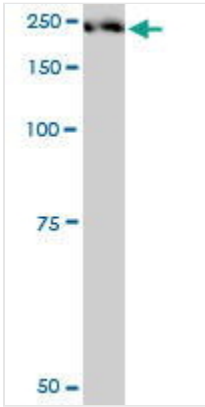
IMAGES



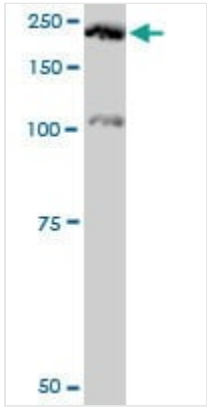
Application Data
Detection limit for recombinant GST tagged PLXNA2 is 0.1ng/ml as a capture antibody.



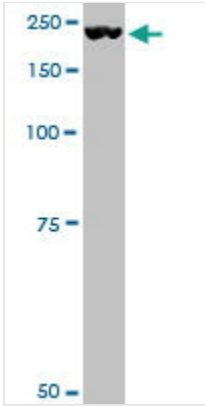
WB (Western Blot)
Western Blot analysis of PLXNA2 expression in transfected 293T cell line by PLXNA2 monoclonal antibody. Lane 1: PLXNA2 transfected lysate (Predicted MW: 18.8kD). Lane 2: Non-transfected lysate.



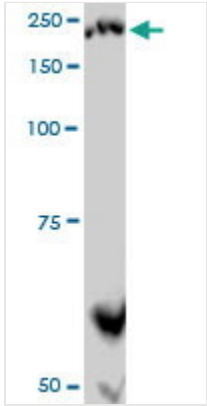
WB (Western Blot)
PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in NIH/3T3.



WB (Western Blot)
PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in Raw 264.7.



WB (Western Blot)
PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in HepG2



WB (Western Blot)
PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in PC-12.

ADDITIONAL INFORMATION

Related Product Information for anti-PLXNA2 antibody

This gene encodes a member of the plexin-A family of semaphorin co-receptors. Semaphorins are a large family of secreted or membrane-bound proteins that mediate repulsive effects on axon pathfinding during nervous system development. A subset of semaphorins are recognized by plexin-A/neuropilin transmembrane receptor complexes, triggering a cellular signal transduction cascade that leads to axon repulsion. This plexin-A family member is thought to transduce signals from semaphorin-3A and -3C.

Product Categories/Family for anti-PLXNA2 antibody	Antibodies; Abs to Plexin; Semaphorin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113722116
NCBI GeneID	5362
NCBI Accession #	NP_079455.3
NCBI GenBank Nucleotide #	NM_025179.3
UniProt Accession #	O75051; Q6UX61; Q96GN9; Q9BRL1; Q9UIW1; A2RTX9; B2RMX7
Molecular Weight	211,104 Da
NCBI Official Full Name	plexin-A2
NCBI Official Synonym Full Names	plexin A2
NCBI Official Symbol	PLXNA2
NCBI Official Synonym Symbols	OCT; PLXN2
NCBI Protein Information	plexin-A2; plexin 2; semaphorin receptor OCT; transmembrane protein OCT
UniProt Protein Name	Plexin-A2
UniProt Gene Name	PLXNA2
UniProt Synonym Gene Names	KIAA0463; OCT; PLXN2
UniProt Entry Name	PLXA2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/plxna2-antibody-clone-2g5-western-blot-elisa/24053>