

Anti-Plexin A1 (Sema Domain) Antibody

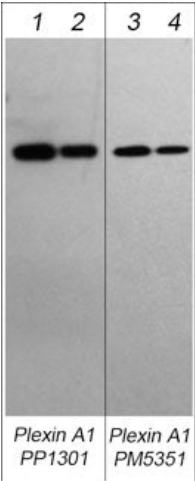


Product Details

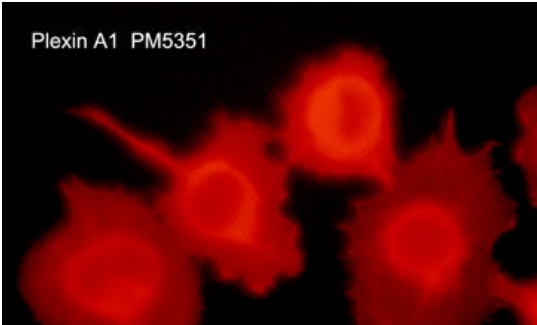
Available Variants	100 µL (SKU:PM5351)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M535
Gene Name	PLXNA1
Host Species	Mouse
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:500 IHC: 1:100 ICC: 1:100 IP: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M535 was generated from a Plexin-A1 synthetic peptide (coupled to carrier protein) corresponding to a region within the N-terminal half of the semaphorin domain in human Plexin-A1. This sequence is highly conserved in rat and mouse Plexin-A1, and has low homology to other Plexin family members.
Specificity	The antibody detects a 220 kDa* protein corresponding to the apparent molecular mass of Plexin-A1 on SDS-PAGE immunoblots of neonatal mouse brain, and detects a recombinant mouse Plexin A1 protein containing the extracellular region.
Molecular Weight	220

Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	<u>Q9UIW2</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blots showing mouse recombinant Plexin-A1 extracellular domain (lanes 1-4). These blots were probed with rabbit polyclonal anti-Plexin-A1 (PP1301) at 1:250 (lane 1) and 1:1000 (lane 2) or with mouse monoclonal anti-Plexin A1 (PM5351) at 1:250 (lane 3) and 1:1000 (lane 4).



Immunocytochemical labeling of Plexin A1 in aldehyde fixed and NP-40 permeabilized human NCI-H1299 lung carcinoma cells. The cells were labeled with mouse monoclonal anti-Plexin A1 (PM5351). The antibody was detected using goat anti-mouse DyLight® 594.



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