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[Primary Antibody]

Recombinant Rabbit Anti-PLXNA1 Monoclonal Antibody

Catalog Number: SLA1746M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	8C6
GeneID:	5361
SWISS:	Q9UIW2
Target:	PLXNA1
Immunogen:	A synthesized peptide derived from human Plexin A1
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Rat
Predicted MW.:	211 kDa
Subcellular Location:	Membrane
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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.