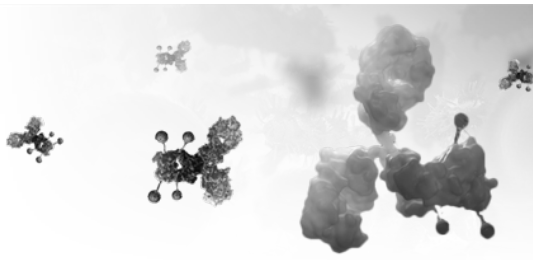

Mouse PLXNA1 peptide (DAG-P1032)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PLXNA1 plexin A1 [Homo sapiens (human)]
Official Symbol	PLXNA1
Synonyms	PLXNA1; plexin A1; NOV; NOVP; PLXN1; PLEXIN-A1; plexin-A1; plexin 1; semaphorin receptor NOV;
Entrez Gene ID	5361
mRNA Refseq	NM_032242.3
Protein Refseq	NP_115618.3

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UniProt ID	Q9UIW2
Chromosome Location	3q21.3
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Other semaphorin interactions, organism-specific biosystem; SEMA3A-Plexin repulsion signaling by inhibiting Integrin adhesion, organism-specific biosystem; Sema3A PAK dependent Axon repulsion, organism-specific biosystem; Semaphorin interactions, organism-specific bio
Function	receptor activity; semaphorin receptor activity;

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