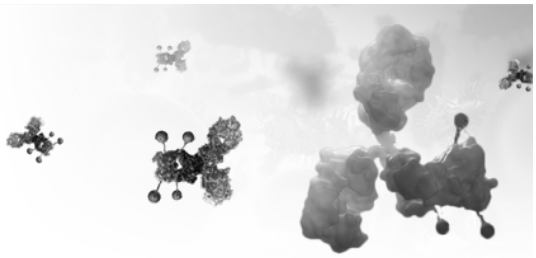

CARD11 blocking peptide (CDBP5238)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CARD11 caspase recruitment domain family, member 11 [Homo sapiens (human)]
Official Symbol	CARD11
Synonyms	CARD11; caspase recruitment domain family, member 11; PPBL; BENTA; BIMP3; IMD11;

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	CARMA1; caspase recruitment domain-containing protein 11; carma 1; CARD-containing MAGUK protein 1; bcl10-interacting maguk protein 3
Entrez Gene ID	84433
mRNA Refseq	NM_032415
Protein Refseq	NP_115791
UniProt ID	Q9BXL7
Pathway	Activation of NF-kappaB in B cells; Adaptive Immune System; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; BCR signaling pathway; Downstream TCR signaling; Downstream signaling events of B Cell Receptor (BCR); FCERI mediated NF-kB activation
Function	CARD domain binding; guanylate kinase activity; protein binding

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