



CARD9 blocking peptide (CDBP5237)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a positive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined. [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	CARD9 caspase recruitment domain family, member 9 [Homo sapiens (human)]
Official Symbol	CARD9
Synonyms	CARD9; caspase recruitment domain family, member 9; CANDF2; hCARD9; caspase

recruitment domain-containing protein 9

Entrez Gene ID	64170
mRNA Refseq	NM_052813
Protein Refseq	NP_434700
UniProt ID	Q9H257
Pathway	Immune System; Innate Immune System; NOD pathway; NOD-like receptor signaling pathway; NOD1/2 Signaling Pathway; Nucleotide-binding domain; Tuberculosis
Function	CARD domain binding; protein homodimerization activity
