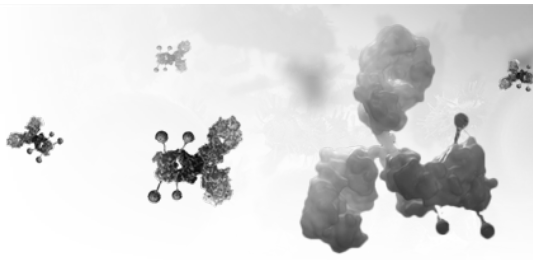

Human CARD9 blocking peptide (DAG-P0280)

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 postive 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]
Specificity	Highly expressed in spleen. Also detected in liver, placenta, lung, peripheral blood leukocytes and in brain.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Contains 1 CARD domain.
Format	Liquid
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

GENE INFORMATION

Gene Name	CARD9 caspase recruitment domain family, member 9 [Homo sapiens (human)]

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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_052813.4
Protein Refseq	NP_434700.2
UniProt ID	Q9H257
Chromosome Location	9q34.3
Pathway	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; NOD pathway, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem; NOD1/2 Signaling Pathway, organism-specific biosystem; Nucleotide-binding domain, leucine rich repeat containing receptor (NLR) signaling pathways, organism-specific biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conse
Function	CARD domain binding; protein homodimerization activity;

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