



# Human CARD11 blocking peptide (CDBP0682)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-CARD11 antibody
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CARD11 caspase recruitment domain family, member 11 [ Homo sapiens ]</a>
<b>Official Symbol</b>	CARD11

<b>Synonyms</b>	CARD11; caspase recruitment domain family, member 11; caspase recruitment domain-containing protein 11; bcl10 interacting maguk protein 3; BIMP3; card maguk protein 1; CARMA1; carma 1; card-maguk protein 1; CARD-containing MAGUK protein 1; bcl10-interacting maguk protein 3; MGC133069;
<b>Entrez Gene ID</b>	<a href="#">84433</a>
<b>mRNA Refseq</b>	<a href="#">NM_032415</a>
<b>Protein Refseq</b>	<a href="#">NP_115791</a>
<b>UniProt ID</b>	Q9BXL7
<b>Chromosome Location</b>	7p22
<b>Pathway</b>	Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem;
<b>Function</b>	CARD domain binding; guanylate kinase activity; protein binding;