



Rabbit Anti-CARD11 monoclonal antibody, clone C.583.4 (CABT-L1216)

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

PRODUCT INFORMATION

Target	CARD11
Immunogen	Synthetic peptide corresponding to residues surrounding threonine 175 of CARD11
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Non-human primate, Rat
Clone	C.583.4
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 50% glycerol, 100µg/ml BSA
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	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
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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.

Keywords

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
