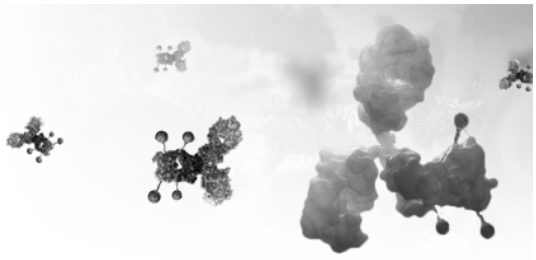

CLEC7A blocking peptide (CDBP5170)

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

PRODUCT INFORMATION

Antigen Description	This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The protein encoded by this gene contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. This protein is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought to synergize in the activation of NF-kappaB, and the deregulation of either of them may contribute to the same pathogenetic process that leads to the malignancy. [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	BCL10 B-cell CLL/lymphoma 10 [Homo sapiens (human)]
Official Symbol	CLEC7A
Synonyms	BCL10; B-cell CLL/lymphoma 10; CLAP; mE10; CIPER; c-E10; CARMEN; B-cell

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	lymphoma/leukemia 10; hCLAP; cCARMEN; cellular-E10; cellular homolog of vCARMEN; CARD-containing proapoptotic protein; CARD containing molecule enhancing NF-kB; CARD-containing apoptotic signaling protein; caspase-recruiting domain-containing protein; CARD-containing molecule enhancing NF-kappa-B; mammalian CARD-containing adapter molecule E10; CED-3/ICH-1 prodomain homologous E10-like regulator
Entrez Gene ID	8915
mRNA Refseq	NM_003921
Protein Refseq	NP_003912
UniProt ID	O95999
Pathway	Activation of NF-kappaB in B cells; Adaptive Immune System; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; BCR signaling pathway; Canonical NF-kappaB pathway; Downstream TCR signaling; Downstream signaling events of B Cell Receptor (BCR)
Function	NF-kappaB binding; enzyme binding; contributes_to kinase activator activity; kinase binding; protease binding; protein C-terminus binding; protein binding; protein kinase B binding; protein kinase binding; protein self-association; transcription coactivator activity; transcription factor binding; ubiquitin binding; ubiquitin protein ligase binding

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