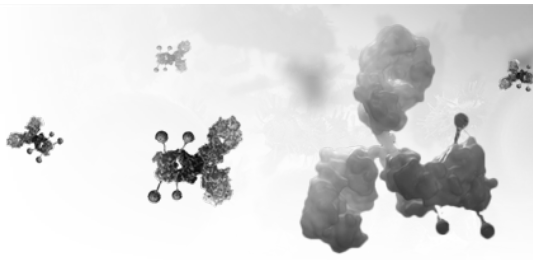

Human Bad blocking peptide (CDBP0553)

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

PRODUCT INFORMATION

Product Overview	Bad (N - term) peptide (mouse)
Antigen Description	The protein encoded by this gene is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulation of this protein. Alternative splicing of this gene results in two transcript variants which encode the same isoform.
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	0.2 mg/ml
Size	100 µg
Buffer	PBS with 100ug BSA 0.1% sodium azide
Preservative	0.1% Sodium Azide
Storage	Keep as concentrated solution, aliquot and store at 4°C.

GENE INFORMATION

Gene Name	BAD BCL2-associated agonist of cell death [Homo sapiens]

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Official Symbol	Bad
Synonyms	BAD; BCL2-associated agonist of cell death; bcl2 antagonist of cell death; BBC2; BCL2L8; bcl2-L-8; BCL2-binding protein; bcl-2-like protein 8; BCL2-binding component 6; bcl-2-binding component 6; BCL-X/BCL-2 binding protein; BCL2-antagonist of cell death protein; bcl-XL/Bcl-2-associated death promoter;
Entrez Gene ID	572
mRNA Refseq	NM_004322
Protein Refseq	NP_004313
UniProt ID	Q92934
Chromosome Location	11q13.1
Pathway	AKT phosphorylates targets in the cytosol, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem;
Function	cysteine-type endopeptidase activator activity involved in apoptotic process; lipid binding; phospholipid binding; protein binding; protein heterodimerization activity; protein kinase binding; protein phosphatase binding;

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