



Human DIABLO blocking peptide (CDBP2730)

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

PRODUCT INFORMATION

Product Overview	Smac (C - term) peptide (human)
Antigen Description	This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. (provided by RefSeq, May 2013)
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Upon Receipt - Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	DIABLO diablo, IAP-binding mitochondrial protein [Homo sapiens (human)]
Official Symbol	DIABLO

Synonyms	DIABLO; diablo, IAP-binding mitochondrial protein; SMAC; DFNA64; diablo homolog, mitochondrial; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase;
Entrez Gene ID	56616
mRNA Refseq	NM_001278302.1
Protein Refseq	NP_001265231.1
UniProt ID	K7X1S0
Chromosome Location	12q24.31
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Apoptotic factor-mediated response, organism-specific biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Intrinsic Pathway for Apoptosis, organism-specific biosystem; Release of apoptotic factors from the mitochondria, organism-specific biosystem; SMAC binds to IAPs, organism-specific biosystem; SMAC-mediated apoptotic response, organ
Function	protein binding;