BIRC7 blocking peptide (CDBP5684)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the inhibitor of apoptosis protein (IAP) family, and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Elevated levels of the encoded protein may be associated with cancer progression and play a role in chemotherapy sensitivity. Alternative splicing results in multiple transcript variants [provided by RefSeq, Jul 2013]
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	BIRC7 baculoviral IAP repeat containing 7 [Homo sapiens (human)]
Official Symbol	BIRC7
Synonyms	BIRC7; baculoviral IAP repeat containing 7; KIAP; LIVIN; MLIAP; RNF50; ML-IAP; baculoviral IAP repeat-containing protein 7; RING finger protein 50; livin inhibitor of apoptosis; kidney inhibitor of apoptosis protein; melanoma inhibitor of apoptosis protein

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Entrez Gene ID	79444
mRNA Refseq	NM_022161
Protein Refseq	NP_071444
UniProt ID	Q96CA5
Pathway	Apoptosis; Apoptosis Modulation and Signaling; Pathways in cancer; Small cell lung cancer; Toxoplasmosis; Ubiquitin mediated proteolysis
Function	cysteine-type endopeptidase inhibitor activity; enzyme binding; ligase activity; protein binding; ubiquitin-protein transferase activity; zinc ion binding

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