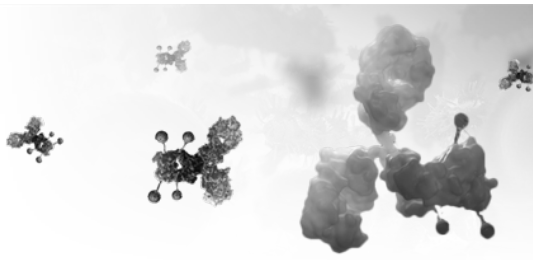

Birc5 blocking peptide (CDBP5765)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. In humans, gene expression is high during fetal development and in most tumors yet low in adult tissues. Antisense transcripts have been identified in human that regulate this gene's expression. At least three transcript variants encoding distinct isoforms have been found for this gene, although at least one of these transcript variants is a nonsense-mediated decay (NMD) candidate. [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	Birc5 baculoviral IAP repeat-containing 5 [Mus musculus (house mouse)]
Official Symbol	Birc5
Synonyms	Birc5; baculoviral IAP repeat-containing 5; Api4; TIAP; AAC-11; survivin40; baculoviral IAP

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	repeat-containing protein 5; survivin; apoptosis inhibitor 4; apoptosis inhibitor survivin
Entrez Gene ID	11799
mRNA Refseq	NM_001012273
Protein Refseq	NP_001012273
UniProt ID	O70201
Pathway	Apoptosis; Cell Cycle; Colorectal cancer; Hepatitis B; Hippo signaling pathway; IL-3 Signaling Pathway; M Phase; Mitotic Anaphase
Function	Ran GTPase binding; chaperone binding; cofactor binding; cysteine-type endopeptidase inhibitor activity; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; enzyme binding; identical protein binding; metal ion binding; microtubule binding; peptidase inhibitor activity; protein binding; protein heterodimerization activity; protein homodimerization activity; tubulin binding; zinc ion binding

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