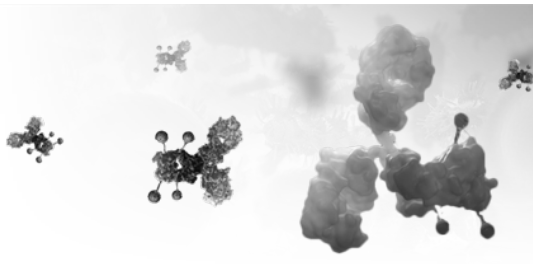

BIRC2 blocking peptide (DAG-P1461)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Specificity	Present in many fetal and adult tissues. Mainly expressed in adult skeletal muscle, thymus, testis, ovary, and pancreas, low or absent in brain and peripheral blood leukocytes.
Conjugate	Unconjugated
Applications	BL, WB
Sequence Similarities	Belongs to the IAP family.Contains 3 BIR repeats.Contains 1 CARD domain.Contains 1 RING-type zinc finger.
Format	Liquid
Buffer	Preservative: 0.02% Thimerosal (merthiolate) Constituents: 0.1% BSA, PBS, pH 7.2
Preservative	0.02% Thimerosal
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: 0.02% Thimerosal (merthiolate) Constituents: 0.1% BSA, PBS, pH 7.2

GENE INFORMATION

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Gene Name	BIRC2 baculoviral IAP repeat containing 2 [Homo sapiens (human)]
Official Symbol	BIRC2
Synonyms	BIRC2; baculoviral IAP repeat containing 2; API1; MIHB; HIAP2; RNF48; cIAP1; Hiap-2; c-IAP1; baculoviral IAP repeat-containing protein 2; IAP-2; IAP homolog B; apoptosis inhibitor 1; RING finger protein 48; inhibitor of apoptosis protein 2; baculoviral IAP repeat-containing 2; NFR2-TRAF signalling complex protein; TNFR2-TRAF-signaling complex protein 2;
Entrez Gene ID	329
mRNA Refseq	NM_001166.4
Protein Refseq	NP_001157.1
UniProt ID	Q13490
Chromosome Location	11q22
Pathway	Activated TLR4 signalling, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem; CD40/CD40L signaling, organism-specific biosystem; Canonical NF-kappaB pathway, organism-specific bio
Function	protein N-terminus binding; protein binding; transcription coactivator activity; ubiquitin-protein ligase activity; zinc ion binding;

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