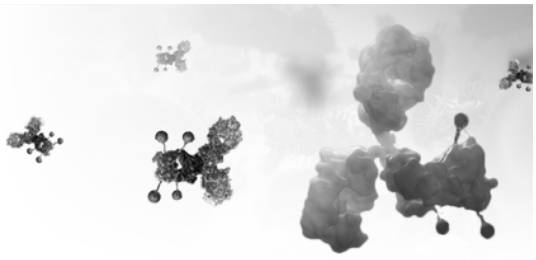

Anti-BIRC7 monoclonal antibody, clone 2E23 (DCABH-641)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Livin
Antigen Description	Protects against apoptosis induced by TNF or by chemical agents such as adriamycin, etoposide or staurosporine. Suppression of apoptosis is mediated by activation of MAPK8/JNK1, and possibly also of MAPK9/JNK2. This activation depends on TAB1 and NR2C2/TAK1. In vitro, inhibits caspase-3 and proteolytic activation of pro-caspase-9. Isoform 1 blocks staurosporine-induced apoptosis. Isoform 2 blocks etoposide-induced apoptosis.
Immunogen	Recombinant full length Human Livin produced in HEK293T cells (NP_071444).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2E23
Purification	This antibody was purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt, ICC/IF
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY Livin cDNA; Human liver and liver carcinoma tissue; HeLa and Jurkat cells.
Format	Liquid
Size	100 µl

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Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	BIRC7 baculoviral IAP repeat containing 7 [Homo sapiens]
Official Symbol	BIRC7
Synonyms	BIRC7; baculoviral IAP repeat containing 7; baculoviral IAP repeat-containing protein 7; KIAP; kidney inhibitor of apoptosis protein; livin; livin inhibitor of apoptosis; melanoma inhibitor of apoptosis protein; ML IAP; mliap; RNF50; RING finger protein 5
Entrez Gene ID	79444
Protein Refseq	NP_071444
UniProt ID	Q96CA5
Chromosome Location	20q13.3
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Pathways in cancer, organism-specific biosystem; Small cell lung cancer, organism-specific biosystem; Small cell lung cancer, conserved biosystem;
Function	cysteine-type endopeptidase inhibitor activity; enzyme binding; metal ion binding; protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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