Anti-XIAP Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M016258

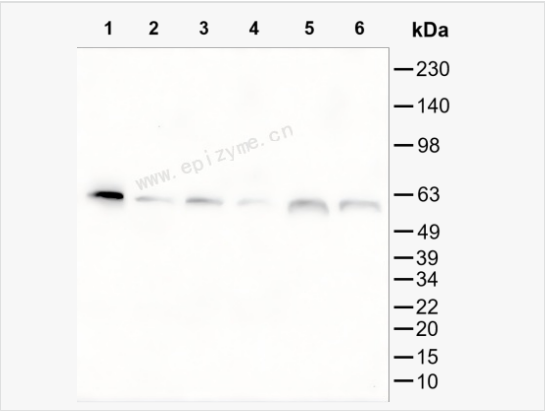
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	83J34V71
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant full length protein corresponding to Human XIAP
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-XIAP Mouse mAb [83J34V71] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	AP 13 antibody; API3 antibody; Apoptosis Inhibitor 3 antibody; Baculoviral IAP repeat containing 4 antibody; Baculoviral IAP Repeat Containing Protein 4 antibody; Baculoviral IAP repeat-containing protein 4 antibody; BIRC 4 antibody; BIRC4 antibody; E3 ubiquitin-protein ligase XIAP antibody; hIAP-3 antibody; hIAP3 antibody; HILP antibody; IAP 3 antibody.
Calculated MW	Calculated MW: 57 kDa; Observed MW: 57 kDa
Uniprot ID	P98170
Gene ID	331
Background	This gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. This protein also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 2 and 11.[provided by RefSeq, Feb 2011]
Cellular Location	Cytoplasm; Nucleus
Tissue Location	Expressed in colonic crypts (at protein level) (PubMed:30389919). Ubiquitous, except peripheral blood leukocytes (PubMed:8654366)

Validation Images



Western Blot - Anti-XIAP Mouse mAb [83J34V71]
All lanes: M016258 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: MCF-7 (Human breast adenocarcinoma epithelial cell) whole cell lysates
Lane 5: 293T (Human embryonic kidney cell) whole cell lysates
Lane 6: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution
Lysates/proteins at 10 µg per lane.
Predicted band size: 57 kDa
Observed band size: 57 kDa
Developed using the ECL technique (Cat. No. SQ201).