



## cIAP2 mouse mAb

<b>Catalog No</b>	YP-Ab-04474
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Monkey
<b>Applications</b>	WB
<b>Gene Name</b>	birc3
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human c-IAP2 protein fragments expressed in E.coli
<b>Specificity</b>	This antibody detects endogenous levels of c-IAP2 and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	AIP 1;AIP1;API 2;API2;API2;Apoptosis inhibitor 2;Baculoviral IAP repeat containing 3;Baculoviral IAP repeat containing protein 3;Baculoviral IAP repeat-containing protein 3;BIRC 3;BIRC3;BIRC3;BIRC3_HUMAN;C IAP2;C-IAP2;CIAP 2;CIAP 2;CIAP2;HAIP 1;HAIP1;HAIP1; HIAP 1;HIAP-1;HIAP1;IAP homolog C;IAP-1;Inhibitor of apoptosis protein 1;Inhibitor of apoptosis protein 1;MALT 2;MALT2;Mammalian IAP homolog C;MIHC;MIHC;RING finger protein 49;RNF49;TNFR2 TRAF signaling complex protein 1;TNFR2 TRAF signalling complex protein;TNFR2-TRAF-signaling complex protein 1.
<b>Observed Band</b>	72kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus .
<b>Tissue Specificity</b>	Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes.
<b>Function</b>	disease:A chromosomal aberration involving BIRC3 is recurrent in low-grade mucosa-associated lymphoid tissue (MALT lymphoma). Translocation t(11;18)(q21;q21) with MALT1. This translocation is found in approximately 50% of cytogenetically abnormal low-grade MALT lymphoma.,function:Apoptotic



suppressor. The BIR motifs region interacts with TNF receptor associated factors 1 and 2 (TRAF1 and TRAF2) to form an heteromeric complex, which is then recruited to the tumor necrosis factor receptor 2 (TNFR2).,similarity:Belongs to the IAP family.,similarity:Contains 1 CARD domain.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 3 BIR repeats.,subunit:Interacts with SMAC and with PRSS25; these interactions inhibit apoptotic suppressor activity.,tissue specificity:Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen,

#### Background

This gene encodes a member of the IAP family of proteins that inhibit apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. It contains 3 baculovirus IAP repeats and a ring finger domain. Transcript variants encoding the same isoform have been identified. [provided by RefSeq, Aug 2011],

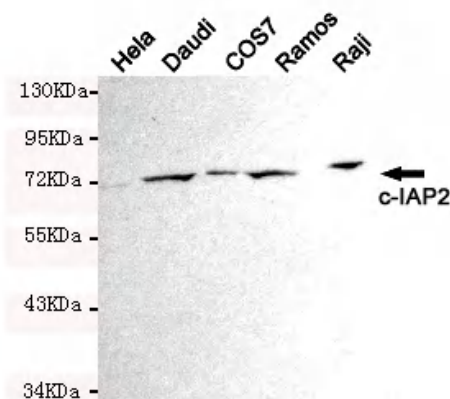
#### matters needing attention

Avoid repeated freezing and thawing!

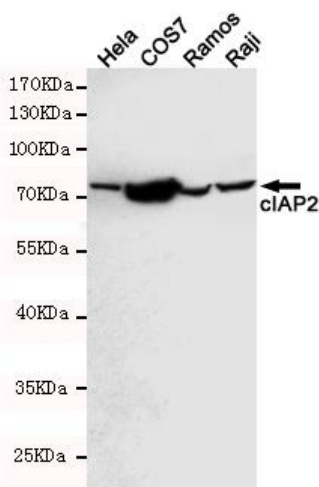
#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot detection of c-IAP2 in Ramos, COS7, Raji and Daudi cell lysates using c-IAP2 mouse mAb (1:1000 diluted). Predicted band size: 68KDa, Observed band size: 72KDa.



Western blot detection of cIAP2 in Ramos, COS7, Raji and HeLa cell lysates using cIAP2 antibody (1:1000 diluted). Exposure time: 5min. Predicted band size: 68KDa. Observed band size: 72KDa.