

## cIAP2 mouse mAb

<b>Catalog No :</b>	YM1343
<b>Reactivity :</b>	Human;Monkey
<b>Applications :</b>	WB
<b>Target :</b>	cIAP2
<b>Fields :</b>	>>Platinum drug resistance;>>NF-kappa B signaling pathway;>>Ubiquitin mediated proteolysis;>>Apoptosis;>>Apoptosis - multiple species;>>Necroptosis;>>Hippo signaling pathway;>>Focal adhesion;>>NOD-like receptor signaling pathway;>>TNF signaling pathway;>>Salmonella infection;>>Toxoplasmosis;>>Herpes simplex virus 1 infection;>>Pathways in cancer;>>Transcriptional misregulation in cancer;>>Small cell lung cancer
<b>Gene Name :</b>	birc3
<b>Human Gene Id :</b>	330
<b>Human Swiss Prot No :</b>	Q13489
<b>Mouse Swiss Prot No :</b>	O08863
<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>Dilution :</b>	wb 1:1000
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year (Do not lower than -25°C)

**Observed Band :** 72kD

**Cell Pathway :** Ubiquitin mediated proteolysis;Apoptosis\_Inhibition;Apoptosis\_Mitochondrial;Apoptosis\_Overview;Focal adhesion;NOD-like receptor;Pathways in cancer;Small cell lung cancer;

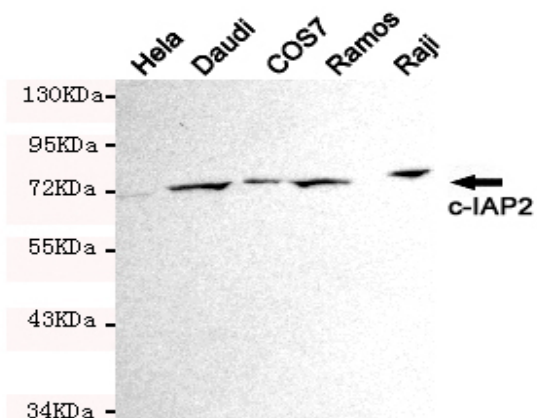
**Background :** This gene encodes a member of the IAP family of proteins that inhibit apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation 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],

**Function :** 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,

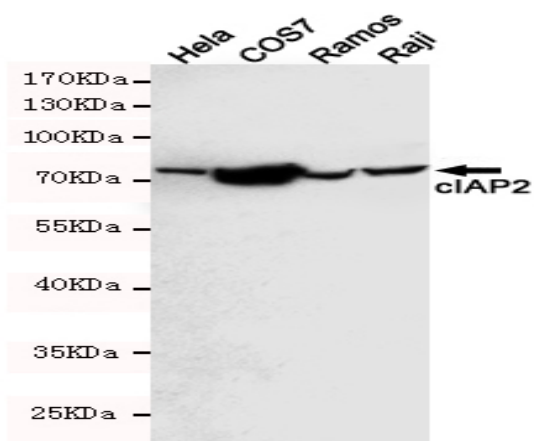
**Subcellular Location :** Cytoplasm . Nucleus .

**Expression :** Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes.

## 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). Exposition time: 5min. Predicted band size: 68KDa. Observed band size: 72KDa.