



cIAP2 mouse mAb

Catalog No	YP-Ab-04474
Isotype	IgG
Reactivity	Human;Monkey
Applications	WB
Gene Name	birc3
Protein Name	
Immunogen	Purified recombinant human c-IAP2 protein fragments expressed in E.coli
Specificity	This antibody detects endogenous levels of c-IAP2 and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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.
Observed Band	72kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes.
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,

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],

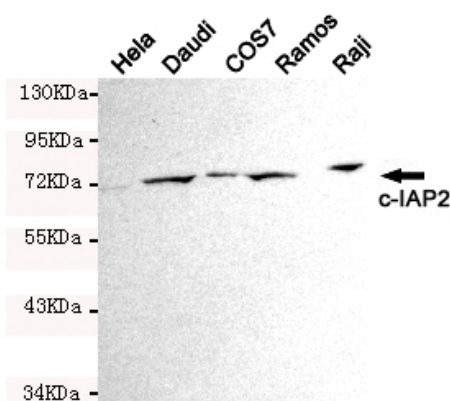
matters needing attention

Avoid repeated freezing and thawing!

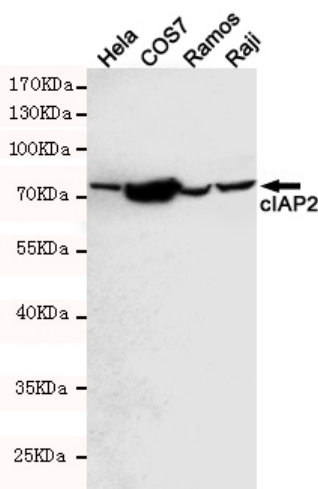
Usage suggestions

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.