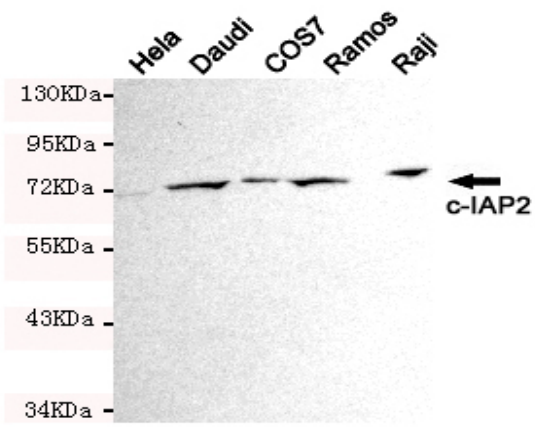
Best Tools for immunology Research

cIAP2 mouse mAb

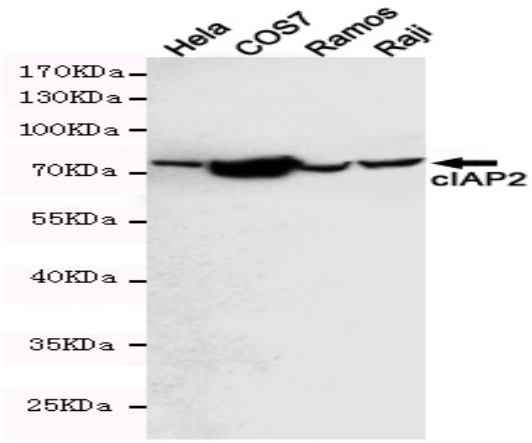
Catalog No :	YM1343
Reactivity :	Human;Monkey
Applications :	WB
Target :	cIAP2
Fields :	>>Platinum drug resistance;>>NF-kappa B signaling pathway;>>Ubiquitin mediated proteolysis;>>Apoptosis;>>Apoptosis - multiple species;>>Necroptosis;>>Hippo signaling pathway;>>Focal adhesion;>>NOD-like receptor signaling pathway;>>TNF signaling pathway;>>Salmonella infection;>>Toxoplasmosis;>>Herpes simplex virus 1 infection;>>Pathways in cancer;>>Transcriptional misregulation in cancer;>>Small cell lung cancer
Gene Name :	birc3
Human Gene Id :	330
Human Swiss Prot No :	Q13489
Mouse Swiss Prot No :	O08863
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
Dilution :	wb 1:1000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Concentration :	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.
Tag :	orthogonal
Sort :	768
No4 :	1
Host :	Mouse
Modifications :	Unmodified

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