



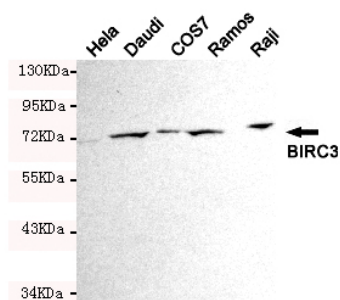
c-IAPS/BIRC3 Antibody

E2200766

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Catalog Number: E2200766
Size: 100ug
Host: Mouse
Formulation: Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide,50% glycerol,0.1%BSA.
Sensitivity: This antibody detects endogenous levels of BIRC3 and does not cross-react with related proteins.
Entrez summary: 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.
UniPort summary Multi-functional protein which regulates not only caspases and apoptosis,but also
Function: modulates inflammatory signaling and immunity,mitogenic kinase signaling and cell proliferation,as well as cell invasion and metastasis.Acts as an E3 ubiquitin-protein ligase regulating NF-kappa-B signaling and regulates both canonical and non-canonical NF-kappa-B signaling by acting in opposite directions:acts as a positive regulator of the canonical pathway and suppresses constitutive activation of non-canonical NF-kappa-B signaling.The target proteins for its E3 ubiquitin-protein ligase activity include: RIPK1,RIPK2,RIPK3,RIPK4,CASP3,CASP7,CASP8,TRAF1,and BCL10.Acts as an important regulator of innate immune signaling via regulation of Toll-like receptors(TLRs),Nodlike receptors (NLRs) and RIG-I like receptors (RLRs),collectively referred to as pattern recognition receptors (PRRs).Protects cells from spontaneous formation of the ripoptosome,a large multi-protein complex that has the capability to kill cancer cells in a caspase-dependent and caspase-independent manner.Suppresses ripoptosome formation by ubiquitinating RIPK1 and CASP8.
Immunogen: Purified recombinant c-IAP2 protein fragments expressed in E.coli
Antibody Type: Monoclonal antibody
Isotype: IgG1
Purified method: Affinity purified
Subcellular location: Cytoplasm.Nucleus
Reactivity: H,Mk
Applications: WB
Molecular Weight: 72kDa
UniProt number: Q13489
GeneBank ID: NM_001165
Gene symbol: AIP1; API2; MIHC; CIAP2; HAIP1; HIAP1; MALT2; RNF49; c-IAP2
Alternate names: CIAP 2;Inhibitor of apoptosis protein 1;AIP 1;AIP1;API 2;API2;Apoptosis inhibitor 2;Baculoviral IAP repeat containing 3;Baculoviral IAP repeat-containing protein 3;BIRC 3;BIRC3;C IAP2;CIAP 2;CIAP2;HAIP 1;HAIP1;HIAP1;IAP homolog C;IAP-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;

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Western blot detection of BIRC3 in Ramos,COS7,Raji&Daudi cell lysates using BIRC3 antibody(1:1000 diluted).Predicted band size: 68KDa,Observed band size:72KDa.