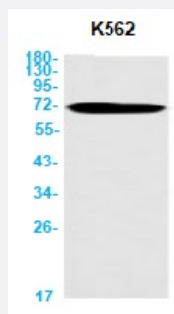


RecomAb™

BIRC2 recombinant monoclonal antibody, clone R01-1C5

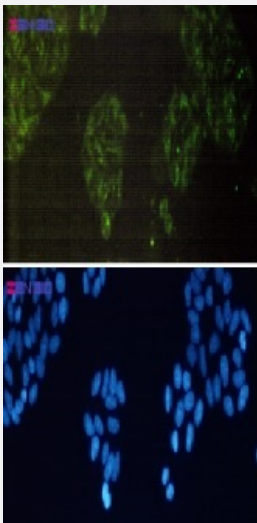
Catalog # RAB01501 Size 100 uL

Applications



Western Blot

Western blot analysis of cIAP1 in K562 lysates using human cIAP1 recombinant monoclonal antibody, clone R01-1C5 (Cat # RAB01501).



Immunocytochemistry

Immunocytochemistry analysis of cIAP1 (green) in HeLa using human cIAP1 recombinant monoclonal antibody, clone R01-1C5 (Cat # RAB01501), and DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human cIAP1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human cIAP1
Theoretical MW (kDa)	Calculated MW: 70 kD

Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of cIAP1 in K562 lysates using human cIAP1 recombinant monoclonal antibody, clone R01-1C5 (Cat # RAB01501).

- Immunocytochemistry

Immunocytochemistry analysis of cIAP1(green) in Hela using human cIAP1 recombinant monoclonal antibody, clone R01-1C5 (Cat # RAB01501), and DAPI(blue).

Gene Info — BIRC2

Entrez GeneID	329
Protein Accession#	Q13490
Gene Name	BIRC2
Gene Alias	API1, HIAP2, Hiap-2, MIHB, RNF48, cIAP1
Gene Description	baculoviral IAP repeat-containing 2
Omim ID	601712
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. [provided by RefSeq]

Other Designations

NFR2-TRAF signalling complex protein|apoptosis inhibitor 1|baculoviral IAP repeat-containing protein 2

Pathway

- [Apoptosis](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Spinal Muscular Atrophies of Childhood](#)
- [Spinal muscular atrophy](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)