

## Anti-cIAP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

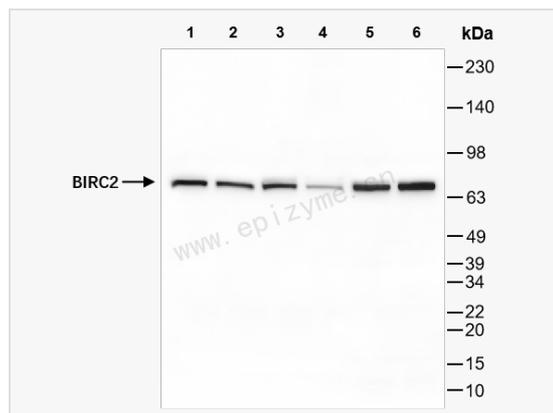
Catalog # R015572

### Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	36B57T96
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human BIRC2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-cIAP1 Rabbit mAb [36B57T96] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	API 1; API1; Apoptosis inhibitor 1; Baculoviral IAP repeat containing 2; Baculoviral IAP repeat containing protein 2; Baculoviral IAP repeat-containing protein 2; BIRC 2; BIRC2; BIRC2_HUMAN; C IAP1; C-IAP1; Cellular inhibitor of apoptosis 1; cellular inhibitor of apoptosis protein 1; cIAP 1; cIAP1; HIAP 2; HIAP-2; HIAP2; IAP 2; IAP homolog B; IAP-2; IAP2; Inhibitor of apoptosis protein 2; MIHB; NFR2 TRAF signalling complex protein; RING finger protein 48; RNF 48; RNF48; TNFR2 TRAF signaling complex protein 2; TNFR2-TRAF-signaling complex protein 2.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 70 kDa
Uniprot ID	Q13490
Gene ID	329
Background	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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Cellular Location	Cytoplasm.
Tissue Location	Present in many fetal and adult tissues. Mainly expressed in adult skeletal muscle, thymus, testis, ovary, and pancreas, low or absent in brain and peripheral blood leukocytes.



Western Blot - Anti-cIAP1 Rabbit mAb [36B57T96]

All lanes: R015572 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 6: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

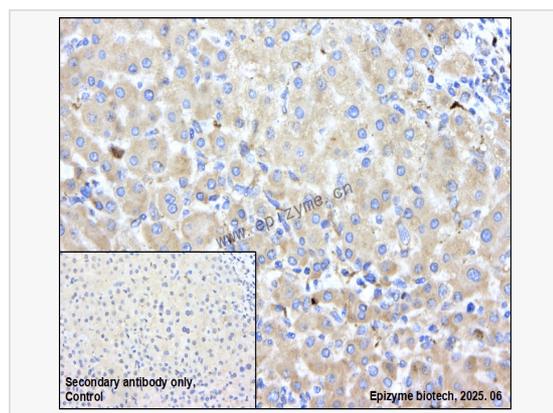
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 70 kDa

Observed band size: 70 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-cIAP1 Rabbit mAb [36B57T96]

Sample: Paraformaldehyde-fixed, paraffin embedded human hepatoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

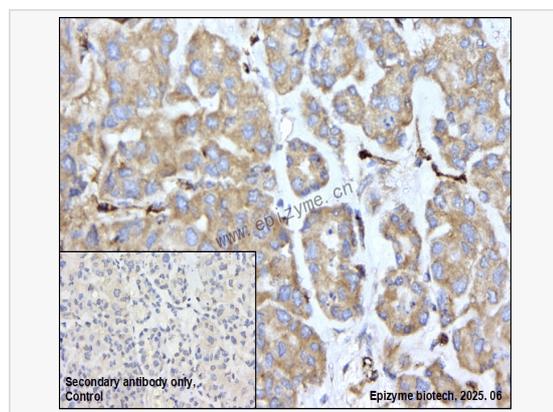
Primary antibody: R015572 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution  
DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-cIAP1 Rabbit mAb [36B57T96]

Sample: Paraformaldehyde-fixed, paraffin embedded human ovarian cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015572 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution  
DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.