

BIRC7 rabbit monoclonal antibody

Catalog # H00079444-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human BIRC7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human BIRC7 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human BIRC7 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — BIRC7

Entrez GeneID [79444](#)

GeneBank Accession# [BIRC7](#)

Gene Name BIRC7

Gene Alias KIAP, LIVIN, ML-IAP, MLIAP, RNF50

Gene Description baculoviral IAP repeat-containing 7

Omim ID [605737](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone . Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide. [provided by RefSeq]

Other Designations

OTTHUMP00000031536|OTTHUMP00000031537|baculoviral IAP repeat-containing protein 7|kidney inhibitor of apoptosis protein|livin inhibitor of apoptosis|livin inhibitor-of-apoptosis|melanoma inhibitor of apoptosis protein