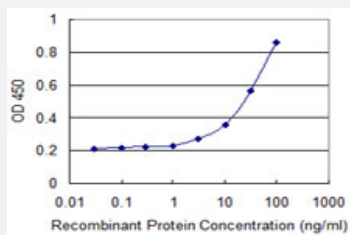


BIRC7 monoclonal antibody (M05), clone 3H1

Catalog # H00079444-M05

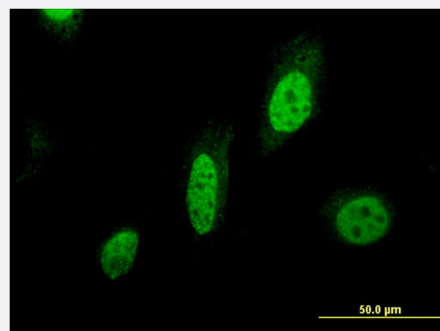
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BIRC7 is 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to BIRC7 on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant BIRC7.

Immunogen

BIRC7 (NP_647478.1, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDGQILGQLRPL
TEEEEEEGAGATLSRGPAFPGMGSEELR

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (64)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BIRC7 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to BIRC7 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — BIRC7

Entrez GeneID	79444
GeneBank Accession#	NM_139317
Protein Accession#	NP_647478.1
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