

Mouse BIRC5 Monoclonal Antibody | anti-BIRC5 antibody

BIRC5 antibody

CATALOG # AAA74747	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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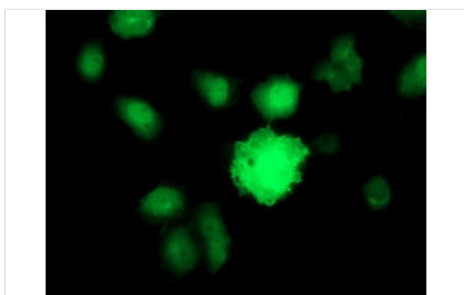
PRODUCT SYNONYMS

BIRC5; Monoclonal Antibody; BIRC5 antibody; Monoclonal BIRC5; Anti-BIRC5; Survivin; Baculoviral Inhibitor of Apoptosis repeat-Containing 5; BIRC 5; BIRC-5; anti-BIRC5 antibody

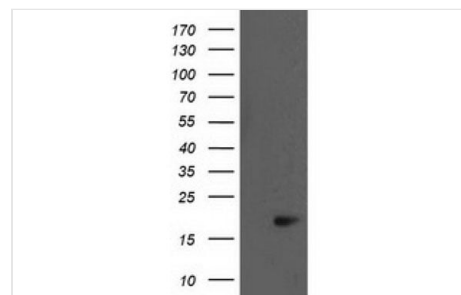
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2D3
Purity/Purification	BIRC5 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	142
Applicable Applications for anti-BIRC5 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	BIRC5 is a human gene encoding a structurally unique IAP apoptosis inhibitor. Present during fetal development, survivin is undetectable in terminally differentiated adult tissues. However, survivin becomes prominently expressed in transformed cell lines and in all the most common human cancers of lung, colon, pancreas, prostate and breast, in vivo.
Cross-Reactivity	Human
Immunogen	BIRC5 antibody was raised in mouse using a full length recombinant protein of human BIRC5 (NP_001159) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant BIRC5 protein using BIRC5 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BIRC5 protein (Right) or empty vector (Left) detected with BIRC5 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BIRC5 antibody	Mouse monoclonal BIRC5 antibody
Product Categories/Family for anti-BIRC5 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	59859878
NCBI GeneID	332
NCBI Accession #	NP_001159
NCBI GenBank Nucleotide #	NM_001168.2
UniProt Accession #	O15392; Q2I3N8; Q4VGX0; Q53F61; Q5MGC6; Q6FHL2; Q75SP2; Q9P2W8; A2SUH6; B2R4R1
Molecular Weight	8,490 Da
NCBI Official Full Name	baculoviral IAP repeat-containing protein 5 isoform 1
NCBI Official Synonym Full Names	baculoviral IAP repeat containing 5
NCBI Official Symbol	BIRC5
NCBI Official Synonym Symbols	API4; EPR-1
NCBI Protein Information	baculoviral IAP repeat-containing protein 5
UniProt Protein Name	Baculoviral IAP repeat-containing protein 5
UniProt Gene Name	BIRC5
UniProt Synonym Gene Names	API4; IAP4
UniProt Entry Name	BIRC5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/birc5-antibody-clone-2d3-western-blot-immunofluorescence-flow-cytometry-elisa/74747>