

Mouse anti-Homo sapiens HSP7C/HSC70 Monoclonal Antibody | anti-HSP7C/HSC70 antibody

HSP7C/HSC70 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62312	Mouse	Homo sapiens	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

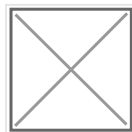
PRODUCT SYNONYMS

HSP7C/HSC70; Monoclonal Antibody; HSP7C/HSC70 Mouse mAb; anti-HSP7C/HSC70 antibody

PRODUCT SPECIFICATIONS

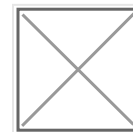
Host	Mouse
Reactivity	Homo sapiens
Clonality	Monoclonal
Isotype	IgG
Sequence Length	646
Applicable Applications for anti-HSP7C/HSC70 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human HSP7C
Preparation and Storage	Store at -20°C.

IMAGES



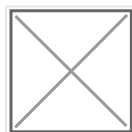
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling HSP7C with AAA62312 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (blue) and an unlabelled control (cells without incubation with primary antibody, green). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

HSP7C was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with AAA62312 of 10 ug. Western blot was performed from the immunopre-cipitate using AAA62312 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Predicted band size : 71 KDaObserved band size : 71 KDaBlocking and dilution buffer and concentration: 5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-HSP7C/HSC70 antibody	This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-HSP7C/HSC70 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729877
NCBI GeneID	3312
NCBI Accession #	NP_006588.1
NCBI GenBank Nucleotide #	NM_006597.5
UniProt Accession #	P11142; Q9H3R6
Molecular Weight	Predicted MW: 71kDa
NCBI Official Full Name	heat shock cognate 71 kDa protein isoform 1
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 8
NCBI Official Symbol	HSPA8
NCBI Official Synonym Symbols	LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; LAP-1; NIP71; HEL-33; HSPA10; HEL-S-72p
NCBI Protein Information	heat shock cognate 71 kDa protein
UniProt Protein Name	Heat shock cognate 71 kDa protein
UniProt Gene Name	HSPA8
UniProt Synonym Gene Names	HSC70; HSP73; HSPA10; LAP-1; LPS-associated protein 1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/hsp7c-hsc70-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62312>