

Mouse anti-Human Hsp70 Monoclonal Antibody | anti-HSPA1A antibody

Hsp70 (C-terminus) Antibody

CATALOG # AAA290466	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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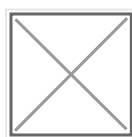
PRODUCT SYNONYMS

Hsp70; Monoclonal Antibody; Hsp70 (C-terminus) Antibody; Purified Mouse Monoclonal Antibody (Mab); DAQB 147D11.1 001; FLJ54303; FLJ54370; FLJ54392; FLJ54408; FLJ75127; Heat shock 70 kDa protein 1; Heat shock 70 kDa protein 1/2; Heat shock 70 kDa protein 1A/1B; heat shock 70kDa protein 1A; Heat shock 70kDa protein 1B; Heat shock induced protein; heat shock protein 70; HSP70 1; HSP70 2; HSP70-1/HSP70-2; HSP70-1A; HSP70.1; HSP70.1/HSP70.2; HSP70I; HSP71_HUMAN; HSP72; HSPA1; HSPA1A; HSPA1B; XXbac BCX40G17.3 001.; anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

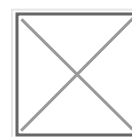
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine(pH 7.4,150 mM NaCl)with 0.2% sodium azide,0.1mg/mlBSA and 50% glycerol.
Applicable Applications for anti-HSPA1A antibody	IP (Immunoprecipitation), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using Hsp70 (C-terminus) mouse mAb.



WB (Western Blot)

Western blot detection of Hsp70(C-terminus) in Hela and HsHela cell lysates using Hsp70(C-terminus) mouse mAb (1:1000 diluted).Predicted band size: 70KDa.Observed band size: 70KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA1A antibody	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. In case of rotavirus A infection, serves as a post-attachment receptor for the virus to facilitate entry into the cell.
Product Categories/Family for anti-HSPA1A antibody	Cancer; Signal Transduction

References	Milner C.M.,et al.Immunogenetics 32:242-251(1990). Hunt C.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:6455-6459(1985). Xie T.,et al.Genome Res. 13:2621-2636(2003). Shiina S.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	147744565
NCBI GeneID	3304
UniProt Accession #	P08107; P0DMV9
Molecular Weight	70052
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 1B
NCBI Official Symbol	HSPA1B
NCBI Official Synonym Symbols	HSP70-2; HSP70.2; HSP70-1B
NCBI Protein Information	heat shock 70 kDa protein 1B

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/hsp70-antibody-immunoprecipitation-western-blot-elisa/290466>