

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

Hsp70 (C-term) Mouse mAb

CATALOG # AAA320311	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Hsp70; Monoclonal Antibody; Hsp70 (C-term) Mouse 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-Hsp70 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Hsp70(C-terminus) and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Hsp70 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Purified recombinant human Hsp70(C-terminus) protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

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-Hsp70 antibody

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	194248072
NCBI GeneID	3303
NCBI Accession #	NP_005336.3
NCBI GenBank Nucleotide #	NM_005345.5
UniProt Accession #	P0DMV8; P0DMV9; P08107
Molecular Weight	70,052 Da
NCBI Official Full Name	heat shock 70 kDa protein 1A/1B
NCBI Official Synonym Full Names	heat shock 70kDa protein 1A
NCBI Official Symbol	HSPA1A
NCBI Official Synonym Symbols	HSP72; HSPA1; HSP70I; HSP70-1; HSP70-1A
NCBI Protein Information	heat shock 70 kDa protein 1A/1B; HSP70-1/HSP70-2; heat shock 70kD protein 1A; heat shock-induced protein; heat shock 70 kDa protein 1/2; dnaK-type molecular chaperone HSP70-1
UniProt Protein Name	Heat shock 70 kDa protein 1A
UniProt Gene Name	HSPA1A
UniProt Synonym Gene Names	HSP721 PublicationManual assertion based on opinion iniRef.41; HSP70-12 PublicationsManual assertion based on opinion iniRef.4; HSP70.1

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hsp70-antibody-immunoprecipitation-western-blot-elisa/320311>