

Mouse anti-Human HSPA13 Monoclonal Antibody | anti-HSPA13 antibody

HSPA13 antibody

CATALOG # AAA48942	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

HSPA13; Monoclonal Antibody; HSPA13 antibody; Heat shock protein 70kDa family member 13; STCH; anti-HSPA13 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	AT2F6
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	471
Applicable Applications for anti-HSPA13 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human HSPA13 (23-471aa) purified from E. coli
Clone Note	Anti-human HSPA13 mAb, clone AT2F6, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human HSPA13 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of HSPA13 in Hep3B cells. The cell was stained with ATGA0477 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human HSPA13 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate Lane 2.: K562 cell lysate Lane 3.: MCF7 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA13 antibody	HSPA13, also known as STCH, is a member of the heat shock protein 70 family and is found associated with microsomes. Members of this protein family play a role in the processing of cytosolic and secretory proteins, as well as in the removal of denatured or incorrectly-folded proteins. HSPA13 has been found to interact with PLIC-1 and PLIC-2, proteins involved in the signaling connection between the membrane receptors for thrombospondin and the cytoskeleton.
Product Categories/Family for anti-HSPA13 antibody	Signal Transduction
References	Rual JF., et al. (2005) Nature. 437 (7062): 1173-8.; Lim J., et al. (2006) Cell. 125 (4): 801-14.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22137780
NCBI GeneID	6782
Molecular Weight	51,927 Da
NCBI Official Full Name	Heat shock protein 70kDa family, member 13
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 13
NCBI Official Symbol	HSPA13
NCBI Official Synonym Symbols	STCH
NCBI Protein Information	heat shock 70 kDa protein 13
UniProt Protein Name	Heat shock 70 kDa protein 13
UniProt Gene Name	HSPA13
UniProt Synonym Gene Names	STCH

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/hspa13-antibody-clone-at2f6-immunofluorescence-immunocytochemistry-western-blot-elisa/48942>