Mouse anti-Human, Rat HSPA1L Monoclonal Antibody | anti-HSPA1L antibody

HSPA1L (Heat Shock 70kD Protein 1-like, HSP70-Hom, Heat shock 70kD protein 1L, Heat Shock 70kD Protein 1-Hom) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25130	**Mouse**	**Human, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

HSPA1L; Monoclonal Antibody; HSPA1L (Heat Shock 70kD Protein 1-like; HSP70-Hom; Heat shock 70kD protein 1L; Heat Shock 70kD Protein 1-Hom) (FITC); anti-HSPA1L antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	7H6
Specificity	Recognizes human HSPA1L. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-HSPA1L antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa561-641 from human HSPA1L (NP_005518) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KGKISESDKNKILDKCNELLSWLEVNQLAEKDEFDHKRKELEQMCNPIITKLYQGGCTGPACGTGYVPGRPATGPTIEEVD
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
HSPA1L monoclonal antibody Western Blot analysis of HSPA1L expression in PC-12.

Application Data
Proximity Ligation Analysis (PLA) of protein-protein interactions between MAP3K7 and HSPA1L HeLa cells were stained with MAP3K7 rabbit purified polyclonal 1:1200 and HSPA1L mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.

Application Data
Detection limit for recombinant GST tagged HSPA1L is ~0.1ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to HSPA1L on formalin-fixed paraffin-embedded human testis. [antibody concentration 3ug/ml]

WB (Western Blot)
HSPA1L monoclonal antibody Western Blot analysis of HSPA1L expression in HeLa.

WB (Western Blot)
Western Blot detection against Immunogen (34.65kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSPA1L antibody	Antibodies; Heat Shock Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	124256496
NCBI GeneID	3305
NCBI Accession #	NP_005518
NCBI GenBank Nucleotide #	NM_005527
UniProt Accession #	P34931; O75634; Q2HXR3; Q8NE72; Q96QC9; Q9UQM1; A6NNB0; B0UXW8
Molecular Weight	70,375 Da
NCBI Official Full Name	heat shock 70 kDa protein 1-like
NCBI Official Synonym Full Names	heat shock 70kDa protein 1-like
NCBI Official Symbol	HSPA1L
NCBI Official Synonym Symbols	HSP70T; hum70t; HSP70-1L; HSP70-HOM
NCBI Protein Information	heat shock 70 kDa protein 1-like; heat shock 70 kDa protein 1L; heat shock 70kD protein-like 1; heat shock 10kDa protein 1-like; heat shock 70 kDa protein 1-Hom
UniProt Protein Name	Heat shock 70 kDa protein 1-like
UniProt Gene Name	**HSPA1L**
UniProt Synonym Gene Names	Heat shock 70 kDa protein 1L; HSP70-Hom
UniProt Entry Name	HS71L_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/hspa1l-antibody-clone-7h6-immunohistochemistry-western-blot-elisa/25130