

Mouse anti-Human Hsp27/HSPB1 Monoclonal Antibody | anti-HSPB1 antibody

Anti-Hsp27/HSPB1 Antibody, Mouse Monoclonal

CATALOG # AAA254856	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, ELISA, Western Blot
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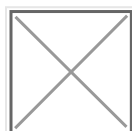
PRODUCT SYNONYMS

Hsp27/HSPB1; Monoclonal Antibody; Anti-Hsp27/HSPB1 Antibody; Mouse Monoclonal; HSP27/HSPB1 Antibody; Mouse MAb; heat shock 27kDa protein 1; Anti-CMT2F Antibody; Anti-HEL-S-102 Antibody; Anti-HMN2B Antibody; Anti-HS.76067 Antibody; Anti-Hsp25 Antibody; Anti-HSP27 Antibody; Anti-HSP28 Antibody; Anti-SRP27 Antibody; anti-HSPB1 antibody

PRODUCT SPECIFICATIONS

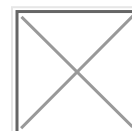
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	4E 8H3
Specificity	Human HSP27. No cross-reactivity in ELISA with E Coli cell lysate
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-HSPB1 antibody	ELISA, ELISA, WB (Western Blot)
Immunogen	Recombinant Human HSP27 Protein
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human HSP27 (rh HSP27). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

HSP27 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate Lane B: 0.5 mg Hela Whole Cell Lysate 2 uL anti-HSP27 mouse monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-HSP27 mouse monoclonal antibody, at 1:200 dilution Secondary antibody: Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 25 kDa Observed band size: 25 kDa



WB (Western Blot)

Anti-HSP27 mouse monoclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 23 kDa Observed band size: 26 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSPB1 antibody	Cancer Drug Targets; VEGF Signaling Pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504519
NCBI GeneID	3316
NCBI Accession #	NP_001532.1
NCBI GenBank Nucleotide #	NM_001541.3
UniProt Accession #	Q16082; Q6I9U7
Molecular Weight	20,233 Da
NCBI Official Full Name	heat shock protein beta-2
NCBI Official Synonym Full Names	heat shock 27kDa protein 2
NCBI Official Symbol	HSPB2
NCBI Official Synonym Symbols	MKBP; HSP27; Hs.78846; LOH11CR1K
NCBI Protein Information	heat shock protein beta-2; DMPK-binding protein; heat-shock protein beta-2
UniProt Protein Name	Heat shock protein beta-2
UniProt Gene Name	HSPB2
UniProt Synonym Gene Names	HspB2; MKBP
UniProt Entry Name	HSPB2_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/hsp27-hspb1-antibody-clone-4e-8h3-western-blot-elisa/254856>