

Mouse HSPB1 Monoclonal Antibody | anti-HSPB1 antibody

HSPB1 (Hsp27) Antibody

CATALOG # AAA111278	HOST Mouse	REACTIVITY Human, Monkey	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

HSPB1; Monoclonal Antibody; HSPB1 (Hsp27) Antibody; 28 kDa heat shock protein; Estrogen-regulated 24 kDa protein; Heat shock 27 kDa protein; Stress-responsive protein 27; anti-HSPB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody detects endogenous levels of HSPB1 and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA.
Sequence Length	205
Applicable Applications for anti-HSPB1 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human HSPB1 protein fragments expressed in E Coli.
Cellular Localization	Nucleus

IMAGES



Application Data

Western blot detection of HSPB1 in Hela, HsHela, A431, COS7, LNCAP&MCF7 cell lysates and using HSPB1 antibody (1:1000 diluted). Predicted band size: 23KDa Observed band size:27KDa.



Application Data

Immunocytochemistry stain of Hela using HSPB1 antibody (1:300).

ADDITIONAL INFORMATION

Related Product Information for anti-HSPB1 antibody	UniPort Summary Function: Involved in stress resistance and actin organization. Entrez Summary: The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).
Product Categories/Family for anti-HSPB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504517
NCBI GeneID	3315
NCBI Accession #	NP_001531.1
NCBI GenBank Nucleotide #	NM_001540
UniProt Accession #	P04792; Q6FI47; Q96C20; Q96EI7; Q9UC31; Q9UC34; Q9UC35; Q9UC36; B2R4N8
Molecular Weight	27kDa
NCBI Official Full Name	heat shock protein beta-1
NCBI Official Synonym Full Names	heat shock protein family B (small) member 1
NCBI Official Symbol	HSPB1
NCBI Official Synonym Symbols	CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067; HEL-S-102
NCBI Protein Information	heat shock protein beta-1
UniProt Protein Name	Heat shock protein beta-1
UniProt Gene Name	HSPB1
UniProt Synonym Gene Names	HSP27; HSP28; HspB1; HSP 27; SRP27

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/hspb1-antibody-immunocytochemistry-western-blot-elisa/111278>