

Mouse anti-Human HSPB8 / H11 / HSP22 Monoclonal Antibody | anti-HSPB8 antibody

Mouse Monoclonal [clone 5B12] (IgG2a,k) to Human HSPB8 / H11 / HSP22

CATALOG # AAA51846	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
------------------------------	----------------------	----------------------------	--

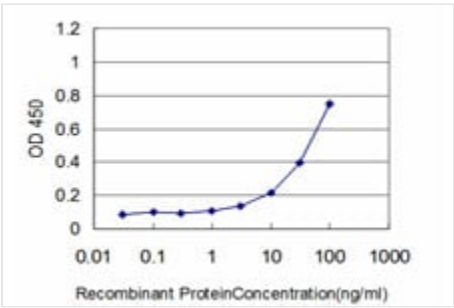
PRODUCT SYNONYMS

HSPB8 / H11 / HSP22; Monoclonal Antibody; Mouse Monoclonal [clone 5B12] (IgG2a; k) to Human HSPB8 / H11 / HSP22; Anti-HSPB8 / H11 / HSP22 Antibody (clone 5B12) IHC-plus; HSPB8; Alpha-crystallin C chain; CMT2L; Crystallin alpha c; DHMN2; E2-induced gene 1 protein; CRYAC; E2IG1; HMN2; H11; Heat shock 27kDa protein 8; Heat shock protein beta-8; Heat shock 22kDa protein 8; HMN2A; HSP22; Protein kinase H11; Human HSPB8; anti-HSPB8 antibody

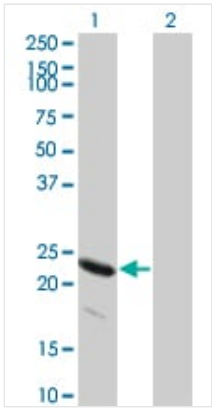
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	5B12
Specificity	HSPB8
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.2. Sourced in Ascites.
Concentration	0.29 mg/ml (varies by lot)
Sequence Length	196
Applicable Applications for anti-HSPB8 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	HSPB8 (NP_055180, 97 a.a. ~ 197 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen	HSPB8 / H11 / HSP22 antibody was raised against hSPB8 (NP_055180, 97 a.a. ~ 197 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

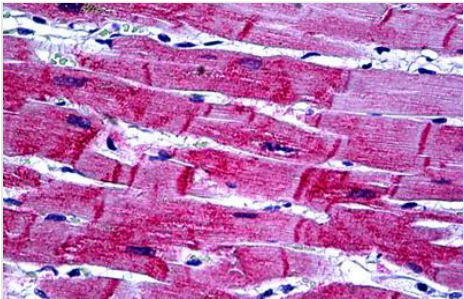
IMAGES



ELISA
Detection limit for recombinant GST tagged HSPB8 is approximately 3 ng/ml as a capture antibody.



WB (Western Blot)
Western blot of HSPB8 expression in transfected 293T cell line by HSPB8 monoclonal antibody, clone 5B12.



IHC (Immunohistochemistry)
Anti-HSPB8 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSPB8 antibody	Family: Protein Kinase; Subfamily: H11
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657146
NCBI GeneID	26353
NCBI Accession #	NP_055180.1
NCBI GenBank Nucleotide #	NM_014365.2
UniProt Accession #	Q9UJY1; Q6FIH3; Q9UKS3; B2R6A6
Molecular Weight	21,604 Da
NCBI Official Full Name	heat shock protein beta-8
NCBI Official Synonym Full Names	heat shock 22kDa protein 8
NCBI Official Symbol	HSPB8
NCBI Official Synonym Symbols	H11; HMN2; CMT2L; DHMN2; E2IG1; HMN2A; HSP22
NCBI Protein Information	heat shock protein beta-8; protein kinase H11; alpha-crystallin C chain; E2-induced gene 1 protein; heat shock 27kDa protein 8; small stress protein-like protein HSP22
UniProt Protein Name	Heat shock protein beta-8

UniProt Gene Name	HSPB8
UniProt Synonym Gene Names	CRYAC; E2IG1; HSP22; HspB8
UniProt Entry Name	HSPB8_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/hspb8-h11-hsp22-antibody-clone-5b12-western-blot-immunohistochemistry-elisa/51846>