

Mouse Hsp27 Monoclonal Antibody | anti-Hsp27 antibody

Hsp27 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320357	Mouse	Human, Monkey	Immunocytochemistry, Western Blot

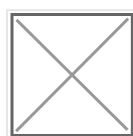
PRODUCT SYNONYMS

Hsp27; Monoclonal Antibody; Hsp27 Mouse mAb; Heat shock 27kDa protein; 28 kDa heat shock protein; CMT2F; DKFZp586P1322; Estrogen regulated 24 kDa protein; Estrogen-regulated 24 kDa protein; Heat shock 25kDa protein 1; Heat shock 27 kDa protein; Heat shock 27kD protein 1; Heat shock 27kDa protein 1; Heat shock 28kDa protein 1; Heat Shock Protein 27; Heat shock protein beta 1; Heat shock protein beta-1; HMN2B; HS.76067; Hsp 25; HSP 27; Hsp 28; Hsp B1; Hsp25; HSP27; Hsp28; HspB1; HSPB1_HUMAN; SRP27; Stress responsive protein 27; Stress-responsive protein 27.; anti-Hsp27 antibody

PRODUCT SPECIFICATIONS

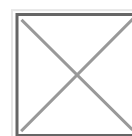
Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Hsp27 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Hsp27 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human Hsp27 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry stain of Hela using Hsp27 mouse mAb (1:300).



WB (Western Blot)

Western blot detection of Hsp27 in Hela.HsHela.A431.COS7.Lncap and MCF7 cell lysates and using Hsp27 mouse mAb (1:1000 diluted).Predicted band size: 23KDa.Observed band size:27KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Hsp27 antibody	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). [provided by RefSeq, Oct 2008]
Product Categories/Family for anti-Hsp27 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504517
NCBI GeneID	3315
NCBI Accession #	NP_001531.1
NCBI GenBank Nucleotide #	NM_001540.3
UniProt Accession #	P04792; Q6FI47; Q96C20; Q96EI7; Q9UC31; Q9UC34; Q9UC35; Q9UC36; B2R4N8
Molecular Weight	22,783 Da
NCBI Official Full Name	heat shock protein beta-1
NCBI Official Synonym Full Names	heat shock 27kDa protein 1
NCBI Official Symbol	HSPB1
NCBI Official Synonym Symbols	CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067
NCBI Protein Information	heat shock protein beta-1; HSP 27; 28 kDa heat shock protein; heat shock 27 kDa protein; heat shock 27kD protein 1; stress-responsive protein 27; estrogen-regulated 24 kDa protein
UniProt Protein Name	Heat shock protein beta-1
UniProt Gene Name	HSPB1
UniProt Synonym Gene Names	HSP27; HSP28; HspB1; HSP 27; SRP27
UniProt Entry Name	HSPB1_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-antibody-immunocytochemistry-western-blot-elisa/320357>