

Mouse anti-Human, Mouse HSP47 Monoclonal Antibody | anti-HSP47 antibody

Anti-HSP47 Antibody

CATALOG # AAA266017	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HSP47; Monoclonal Antibody; Anti-HSP47 Antibody; anti-HSP47 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Recognizes endogenous levels of HSP47 protein.
Form/Format	Mouse IgG1. Supplied in crude ascites with 0.01% sodium azide.
Applicable Applications for anti-HSP47 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HSP47. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of HSP47 staining in human skin carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of HSP47 expression in rat heart (A) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 46 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-HSP47 antibody	Mouse monoclonal antibody to HSP47
Product Categories/Family for anti-HSP47 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141241
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NCBI GeneID	871
UniProt Accession #	P50454; P19324
Molecular Weight	418
NCBI Official Full Name	Serpin H1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
NCBI Official Symbol	SERPINH1
NCBI Official Synonym Symbols	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPR0M; RA-A47; SERPINH2
NCBI Protein Information	serpin H1; colligin-1; colligin-2; 47 kDa heat shock protein; arsenic-transactivated protein 3; rheumatoid arthritis antigen A-47; cell proliferation-inducing gene 14 protein; rheumatoid arthritis-related antigen RA-A47; serine (or cysteine) proteinase in
UniProt Protein Name	Serpin H1
UniProt Gene Name	SERPINH1
UniProt Synonym Gene Names	CBP1; CBP2; HSP47; SERPINH2; AsTP3; Colligin
UniProt Entry Name	SERPH_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/hsp47-antibody-immunohistochemistry-western-blot-elisa/266017>