Mouse HSP60 Monoclonal Antibody | anti-HSP60 antibody

Anti-HSP60 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265796	**Mouse**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

HSP60; Monoclonal Antibody; Anti-HSP60 Antibody; anti-HSP60 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of HSP60 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-HSP60 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Hsp60 protein fragments expressed in E coli.
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

IF (Immunofluorescence)
Immunofluorescent analysis of HSP60 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

WB (Western Blot)
Western blot analysis of HSP60 expression in Hela (A), Raji (B), Jurkat (C), C6 (D), C2C12 (E), NIH3T3 (F) whole cell lysates. (Predicted band size: 61 kD; Observed band size: 61 kD

ADDITIONAL INFORMATION

Related Product Information for anti-HSP60 antibody	Mouse monoclonal antibody to HSP60
Product Categories/Family for anti-HSP60 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542947
NCBI GeneID	3329

NCBI Accession #	NP_002147.2
NCBI GenBank Nucleotide #	NM_002156.4
UniProt Accession #	P10809; P63038; P63039
Molecular Weight	61,055 Da
NCBI Official Full Name	60 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock 60kDa protein 1 (chaperonin)
NCBI Official Symbol	HSPD1
NCBI Official Synonym Symbols	HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60
NCBI Protein Information	60 kDa heat shock protein, mitochondrial; chaperonin 60; 60 kDa chaperonin; heat shock protein 65; P60 lymphocyte protein; mitochondrial matrix protein P1; short heat shock protein 60 Hsp60s1
UniProt Protein Name	60 kDa heat shock protein, mitochondrial
UniProt Gene Name	**HSPD1**
UniProt Synonym Gene Names	HSP60; CPN60; HSP-60; Hsp60
UniProt Entry Name	CH60_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/hsp60-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265796