

Mouse Hsp60 Monoclonal Antibody | anti-Hsp60 antibody

Hsp60 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320392	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Hsp60; Monoclonal Antibody; Hsp60 Mouse mAb; 60 kDa chaperonin; 60 kDa heat shock protein mitochondrial; 60 kDa heat shock protein; mitochondrial; CH60_HUMAN; Chaperonin 60; Chaperonin; 60-KD; CPN 60; CPN60; fa04a05; GROEL; GroEL Homolog; Heat shock 60kD protein 1 chaperonin; Heat shock 60kDa protein 1; Heat shock protein 1 (chaperonin); Heat Shock Protein 60; Heat shock protein 65; HLD4; Hsp 60; HSP 65; HSP-60; HSP60; HSP65; HSPD 1; HSPD1; HuCHA60; Mitochondrial matrix protein P1; P60 lymphocyte protein; Short heat shock protein 60 Hsp60s1; Spastic paraplegia 13; SPG 13; SPG13; anti-Hsp60 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Hsp60 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-Hsp60 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Hsp60 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



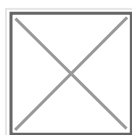
ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed with -20° Methanol and using Hsp60 mouse mAb (dilution 1:100).



IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using Hsp60 mouse mAb.



WB (Western Blot)

Western blot detection of Hsp60 in Hela.Raji.Jurkat.C6.C2C12 and 3T3 cell lysates using Hsp60 mouse mAb (1:1000 diluted).Predicted band size:60KDa.Observed band size:60KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Hsp60 antibody	This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Several pseudogenes have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13. [provided by RefSeq, Jun 2010]
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; Q38L19; Q9UCR6; B2R5M6
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-immunocytochemistry-immunofluorescence-western-blot-elisa/320392>