

Mouse HSP60 Monoclonal Antibody | anti-HSPD1 antibody

Anti-HSP60 antibody (monoclonal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44906	Mouse	Human, Rat, Chicken	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HSP60; Monoclonal Antibody; Anti-HSP60 antibody (monoclonal); 60 kDa heat shock protein; mitochondrial; heat shock 60kDa protein 1(chaperonin); SPG13; GROEL; CPN60; HuCHA60; spastic paraplegia 13(autosomal dominant); CHAPERONIN; 60-KD; Mitochondrial matrix protein P1; P60 lymphocyte protein; Heat shock protein 60; 60 kDa chaperonin; Chaperonin 60; anti-HSPD1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Chicken
Clonality	Monoclonal
Isotype	IgG1
Clone Number	SJ-60
Specificity	No cross reactivity with other proteins
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	573
Applicable Applications for anti-HSPD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human heat shock protein 60 (HSP60)
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPD1 antibody	Description: Mouse IgG monoclonal antibody for HSP60, heat shock 60kDa protein 1 (chaperonin) (HSPD1) detection. Tested with WB, IHC-P in Human, rat, chicken. No cross reactivity with other proteins. Uniprot ID: P10809 Background: Heat shock 60KD protein(HSP60) is a member of the chaperonin class of protein factors and the nuclear encoded mitochondrial HSP60 is required for the assembly into oligomeric complexes of proteins imported into the mitochondrial matrix. HSP60 is linked head to head comprising approximately 17 kb and consist of 12 exons. HSP60 is a self-molecule, it can downregulate adaptive immune responses by upregulating Tregs innately through TLR2 signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129379
NCBI GeneID	3329

UniProt Accession #	P10809 ; Q38L19 ; Q9UCR6 ; B2R5M6 ; B7Z712
Molecular Weight	17,100 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hsp60-antibody-clone-sj-60-immunohistochemistry-western-blot-elisa/44906>