

Mouse Heat Shock Protein 60 (Hsp60) Monoclonal Antibody | anti-Hsp60 antibody

Monoclonal Antibody to Heat Shock Protein 60 (Hsp60)

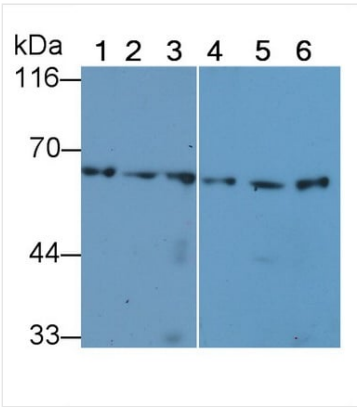
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151640	Mouse	Human, Rat, Dog, Pig, Bovine, Chicken	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

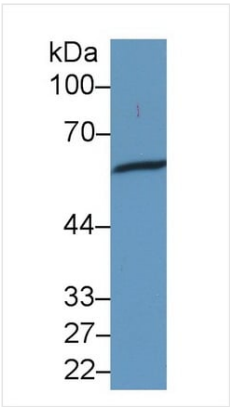
Heat Shock Protein 60 (Hsp60); Monoclonal Antibody; Monoclonal Antibody to Heat Shock Protein 60 (Hsp60); Hsp60/Heat Shock Protein 60; HSPD1; GROEL; CPN60; HuCHA60; Heat Shock 60kD Protein 1; Chaperonin; Spastic Paraplegia 13; Autosomal Dominant; 60 kDa chaperonin; Mitochondrial matrix protein P1; P60 lymphocyte protein; anti-Hsp60 antibody

PRODUCT SPECIFICATIONS

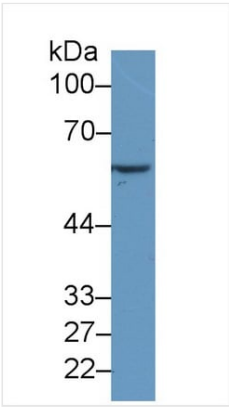
Host	Mouse
Reactivity	Human, Rat, Dog, Pig, Bovine, Chicken
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C3
Specificity	The antibody is a mouse monoclonal antibody raised against Hsp60. It has been selected for its ability to recognize Hsp60 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-Hsp60 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Met1~Phe573
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



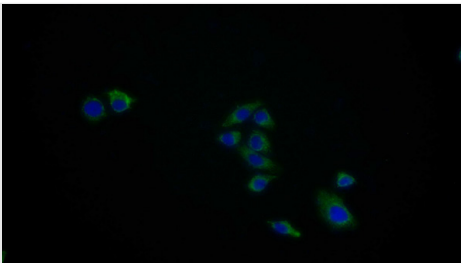
WB (Western Blot)
Western Blot; Sample: Lane1: Rat Kidney lysate; Lane2: Rat Lung lysate; Lane3: Porcine Liver lysate; Lane4: Bovine Liver lysate; Lane5: Gallus Liver lysate; Lane6: Canine Liver lysatePrimary Ab: 0.2ug/ml Mouse AntiHuman Hsp60 AntibodySecond Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



WB (Western Blot)
Western Blot; Sample: A549 cell lysatePrimary Ab: 2ug/ml Mouse AntiHuman Hsp60 AntibodySecond Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



WB (Western Blot)
Western Blot; Sample: MCF7 cell lysate; Primary Ab: 2ug/ml Mouse AntiHuman Hsp60 Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19



IF (Immunofluorescence)
FITC staining on IF; Samples: Human MCF7 cell; Primary Ab: 20ug/ml Mouse AntiHuman Hsp60 Antibody Second Ab: 1ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu18

ADDITIONAL INFORMATION

Product Categories/Family for anti-Hsp60 antibody	Signal transduction; Tumor immunity; Primary
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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/heat-shock-protein-60-hsp60-antibody-clone-c3-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151640>