

Mouse HSP60 Monoclonal Antibody | anti-HSP60 antibody

HSP60 (Heat Shock Protein 60)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76612	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, Immunocytochemistry

PRODUCT SYNONYMS

HSP60; Monoclonal Antibody; HSP60 (Heat Shock Protein 60); anti-HSP60 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	573
Applicable Applications for anti-HSP60 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Spontaneous Autoantibody

IMAGES



WB (Western Blot)

Western blot analysis of tissue or whole cell lysates using mouse mAb to HSP60, MO22172, dilution 1:10,000, in green. [1] protein standard (red), [2] rat brain, [3] mouse brain, [4] NIH/3T3, [5] Hek 293, [6] HeLa, [7] SH-SY5Y cells. Strong single band corresponds to HSP60 protein with apparent SDS-PAGE molecular weight of 60 kDa.



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells stained with mouse mAb to Heat Shock Protein 60 (HSP60), MO22172, dilution 1:5,000, in red. Blue is DAPI staining of nuclear DNA. MO22172 antibody produces strong and specific staining of mitochondria.

ADDITIONAL INFORMATION

Related Product Information for anti-HSP60 antibody	Heat shock proteins are heavily upregulated at times where cells are at temperatures above the normal physiological range. In unstressed cells, heat shock proteins function as chaperones, helping other proteins to fold correctly. The antibody can be used in identifying mitochondria in cells and cell fractionation experiments and will produce strong and specific staining of mitochondria in fixed cells producing beautiful images.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542947
NCBI GeneID	3329
NCBI Accession #	NP_002147.2

NCBI GenBank Nucleotide #	NM_002156.5
UniProt Accession #	P10809
NCBI Official Full Name	60 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock protein family D (Hsp60) member 1
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
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-immunofluorescence-immunohistochemistry-western-blot-immunocytochemistry-elisa/76612>