Mouse Hsp60 Monoclonal Antibody

Anti-Hsp60 Monoclonal Antibody

CATALOG #	HOST	APPLICATIONS
AAA47732	**Mouse**	**Immunoprecipitation, Immunoblot, Western Blot, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

Hsp60; Monoclonal Antibody; Anti-Hsp60 Monoclonal Antibody; Anti-Hsp60; anti-Hsp60 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	Anti-Hsp60 [Mouse monoclonal antibody to human Hsp60] This antibody recognizes human, mouse, rat, rabbit, bovine, canine, porcine, ovine, guinea pig, hamster, chicken, monkey, Xenopus, and Drosophila Hsp60 (60 kDa). It does not cross-react with bacterial or yeast Hsp60. The epitope recognized is within aa 383-447 of human Hsp60.
Form/Format	100ug in PBS, pH 7.4, purified by Protein G affinity chromatography.
Applicable Applications for anti-Hsp60 antibody	IP (Immunoprecipitation), IB (Immunoblot), FCM/FACS (Flow Cytometry)
Antigen	Recombinant human Hsp60 expressed in E. coli.
Preservatives	0.09% sodium azide
Other Additives	50% glycerol
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-Hsp60 antibody	Hsp60 is an abundant protein synthesized constitutively in various cell types that is induced to higher concentrations after cell shock. It is present in mitochondria of many mammalian species and has highly similar counterparts in bacteria and plants (where it is localized to chloroplasts). In general, Hsp60 proteins are present in high concentrations, are induced in response to environmental stresses (such as heat shock) are homo-oligomeric structures of 7 or 14 subunits that dissociate reversibly in the presence of Mg2+ and ATP, have ATPase activity, and play a role in folding and assembly of oligomeric protein structures. Hsp60 has been linked to Alzheimer's disease, coronary artery disease, multiple sclerosis, diabetes, and other autoimmune diseases.
Product Categories/Family for anti-Hsp60 antibody	Heat Shock and Stress Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	441208
NCBI Official Full Name	HSP60

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-immunoblot-flow-cytometry-elisa/47732