

Mouse Hsp90 Monoclonal Antibody

Anti-Hsp90 Monoclonal Antibody

CATALOG # AAA47736	HOST Mouse	APPLICATIONS Immunoblot, Western Blot
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PRODUCT SYNONYMS

Hsp90; Monoclonal Antibody; Anti-Hsp90 Monoclonal Antibody; Anti-Hsp90; anti-Hsp90 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Specificity	Anti-Hsp90 [Mouse monoclonal antibody to Achlya ambisexualis Hsp90] This antibody is reactive with both the constitutive and the inducible forms of human, mouse, rat, rabbit, chicken, Sf9 cell, Achlya, and wheat germ Hsp90. However, it does not bind to the native form of Hsp90 and does not recognize E. coli and yeast Hsp90.
Form/Format	100ug in PBS, pH 7.4, purified by Protein G affinity chromatography.
Applicable Applications for anti-Hsp90 antibody	IB (Immunoblot)
Antigen	Hsp90 purified from the water mold Achlya ambisexualis.
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-Hsp90 antibody	Hsp90 is a highly conserved and essential stress protein that is expressed in all eukaryotic cells. It participates in the folding, assembly, maturation, and stabilization of specific proteins as an integral component of chaperone complexes. Hsp90 is relatively abundant in unstressed cells of most prokaryotic and eukaryotic systems and can be induced by heat shock in some systems. It exists in a dimeric form and has been observed to bind to several other cellular proteins such as retrovirus kinases, steroid receptors, hemeregulated protein kinase, actin, and tubulin. When bound to ATP, Hsp 90 interacts with co-chaperones cdc37, p23, and various immunophilin-like proteins, forming complexes that stabilize and protect target proteins from proteasomal degradation.
Product Categories/Family for anti-Hsp90 antibody	Heat Shock and Stress Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	254952737
NCBI Official Full Name	HSP90

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/hsp90-antibody-immunoblot-elisa/47736>