

Mouse Hsp90 Monoclonal Antibody | anti-Hsp90 antibody

Anti-Hsp90 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47749	Mouse	Human, mouse, rat	Immunoblot, Western Blot, Immunohistochemistry, Immunoprecipitation, ELISA

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse, rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4F3.E8
Specificity	Hsp90 This antibody recognizes human, mouse, and rat Hsp90alpha and beta. Other species have not been tested.
Form/Format	100ug Protein G-purified antibody in PBS, pH 7.4.
Applicable Applications for anti-Hsp90 antibody	IB (Immunoblot), IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA
Antigen	Recombinant human Hsp90 prufified from E.coli.
Preservative	None.
Dilution 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 an abundantly and ubiquitously expressed heat shock protein found in all eukaryotic cells. It exists in two principal forms, alpha and beta, which share 85% sequence homology. Both forms are expressed in the cytosol. Hsp90alpha exists primarily as a homodimer while Hsp90beta exists mainly as a monomer. Hsp90 plays a role in folding, assembly, maturation, and stabilization of specific proteins as a key component of a chaperone complex. Most of the Hsp90-regulated proteins that have been identified are involved in cell signaling; kinases, v-Src, Wee1, c-Raf, and p53 are some examples. When bound to ATP, Hsp90 interacts with cochaperones Cdc37, p23, and various immunophilin-like proteins to form complexes that stabilize and protect target proteins from proteasomal degradation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37594780
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.

