



# Hsp90 mouse mAb

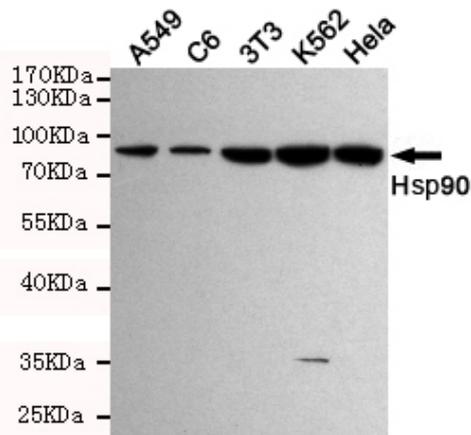
<b>Catalog No</b>	BYab-03471
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	hsp90
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human HSP90AA1 protein fragments expressed in E.coli
<b>Specificity</b>	This antibody detects endogenous levels of Hsp90 alpha and Hsp90 beta.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb dilution 1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	D6S182;FLJ26984;FLJ31884;Heat shock 86 kDa;heat shock 90kDa protein 1 alpha;Heat shock protein 90kDa alpha cytosolic class A member 1;Heat shock protein 90kDa alpha cytosolic class B member 1; Heat shock protein HSP 90 alpha;Heat shock protein HSP 90 beta;Heat shock protein HSP 90-alpha;HS90A_HUMAN;HSP 84;HSP 86;Hsp 90;HSP84;HSP86;Hsp89;Hsp90;HSP90 Beta;HSP90A;HSP90AA1;HSP90AB1;HSP90B;HSP90N;HSPC1;HSPC2;HSPC A;HSPCAL1;HSPCAL4;HSPCB;HSPN;LAP2;Lipopolysaccharide associated protein2;LPS associated protein 2;NY REN 38 antigen;Renal carcinoma antigen NY-REN-38.
<b>Observed Band</b>	90kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
<b>Tissue Specificity</b>	Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius

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<b>Function</b>	caution:Despite classification as a pseudogene, the existence of this protein is supported by unambiguous mass spectrometry evidence.,function:Molecular chaperone.,function:Molecular chaperone. Has ATPase activity.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homodimer. Interacts with AHSA1, SMYD3 and TOM34. Interacts with FNIP1 and HSF1.,
<b>Background</b>	The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot detection of Hsp90 in HeLa,3T3,C6,K562 and A549 cell lysates using Hsp90 mouse mAb (1:2000 diluted).Exposion time: 4min.Predicted band size:90KDa.Observed band size:90KDa.