

## Hsp90 $\alpha$ mouse mAb

<b>Catalog No :</b>	YM1466
<b>Reactivity :</b>	Human;Mouse;Rat;Monkey
<b>Applications :</b>	WB
<b>Target :</b>	HSP 90
<b>Fields :</b>	>>Protein processing in endoplasmic reticulum;>>PI3K-Akt signaling pathway;>>Necroptosis;>>Antigen processing and presentation;>>NOD-like receptor signaling pathway;>>IL-17 signaling pathway;>>Th17 cell differentiation;>>Progesterone-mediated oocyte maturation;>>Estrogen signaling pathway;>>Salmonella infection;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Prostate cancer;>>Lipid and atherosclerosis;>>Fluid shear stress and atherosclerosis
<b>Gene Name :</b>	hsp90aa1
<b>Human Gene Id :</b>	3320
<b>Human Swiss Prot No :</b>	P07900
<b>Mouse Swiss Prot No :</b>	P07901
<b>Immunogen :</b>	Purified recombinant human Hsp90 alpha protein fragments expressed in E.coli
<b>Specificity :</b>	This antibody detects endogenous levels of Hsp90 alpha and does not cross-react with Hsp90 beta and other proteins.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	wb dilution 1:1000
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.  1 mg/ml

**Storage & Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 90kD

**Cell Pathway :** Antigen processing and presentation;NOD-like receptor;Progesterone-mediated oocyte maturation;Pathways in cancer;Prostate cancer;

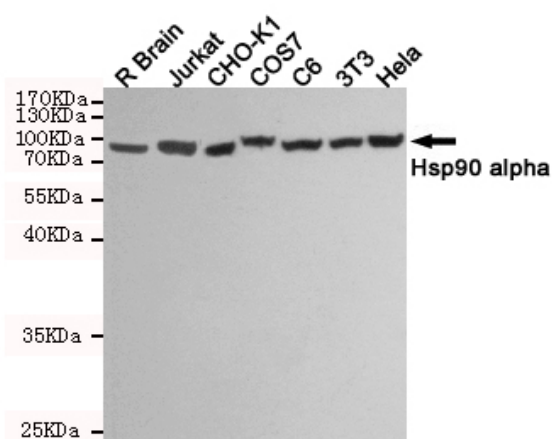
**Background :** The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012],

**Function :** 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.,

**Subcellular Location :** Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

**Expression :** Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius

## Products Images



Western blot detection of Hsp90 alpha in R Brain, Jurkat, CHO-K1, COS7, C6, 3T3 and HeLa cell lysates using Hsp90 alpha mouse mAb (1:1000 diluted). Predicted band size:90kDa. Observed band size:90kDa.