

## Hsp90 mouse mAb

|                              |  |
|------------------------------|--|
| <b>Catalog No :</b>          | YM1398   |
| <b>Reactivity :</b>          | Human;Mouse;Rat  |
| <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>           | hsp90  |
| <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 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>Dilution :</b>            | wb dilution 1:2000   |
| <b>Purification :</b>        | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.   |
| <b>Concentration :</b>       | 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;

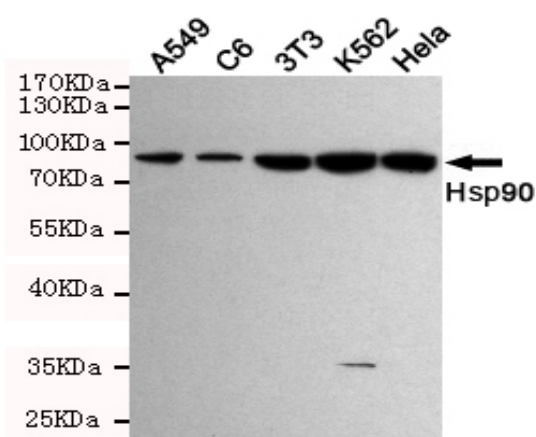
**Background :** The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms 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 in HeLa,3T3,C6,K562 and A549 cell lysates using Hsp90 mouse mAb (1:2000 diluted).Exposure time: 4min.Predicted band size:90KDa.Observed band size:90KDa.