



Hsp90 α mouse mAb

Catalog No	YP-Ab-03479
Isotype	IgG
Reactivity	Human;Mouse;Rat;Monkey
Applications	WB
Gene Name	hsp90aa1
Immunogen	Purified recombinant human Hsp90 alpha protein fragments expressed in E.coli
Specificity	This antibody detects endogenous levels of Hsp90 alpha and does not cross-react with Hsp90 beta and other proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb dilution 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HSP90AA1;EC:3.6.4.10;Heat shock protein family C member 1;Heat shock protein HSP 90 alpha;Heat shock protein HSP 90-alpha;HSP 90;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 A member 2;HS90A_HUMAN;HSP 86;HSP86;Hsp89;HSP89A;HSP90A;HSP90ALPHA;HSP90N;HSPC1;HSPCA;HSPCAL1;HSPCAL3;HSPCAL4;HSPN;LAP2;Renal carcinoma antigen NY REN 38;Renal carcinoma antigen NY-REN-38.
Observed Band	90kD
Calculated Molecular Weight	90kD
Cell Pathway	Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity	Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius
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.,

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],

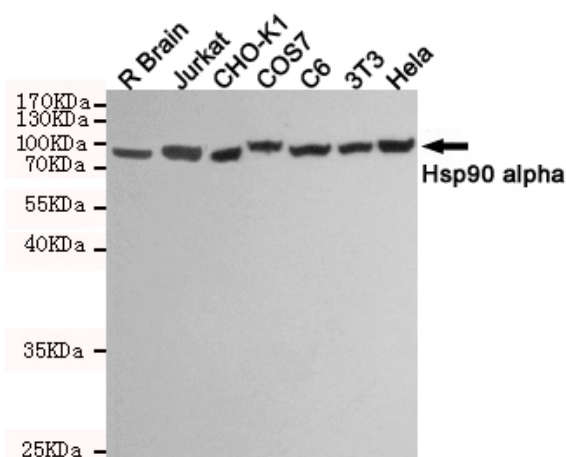
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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: 90 kDa. Observed band size: 90 kDa.