

HSP90 Mouse mAb

CatalogNo: YM1398 Orthogonal Validated 

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 90kD (Observed)

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:2000

Basic Information

Clonality Monoclonal

Clone Number 15C5

Immunogen Information

Immunogen Purified recombinant human HSP90AA1 protein fragments expressed in E.coli

Specificity This antibody detects endogenous levels of Hsp90 alpha and Hsp90 beta.

Target Information

Gene name hsp90

Protein Name**Organism****Gene ID****UniProt ID**

Human	3320;	P07900;
Mouse	15519;	P07901;

Cellular Localization

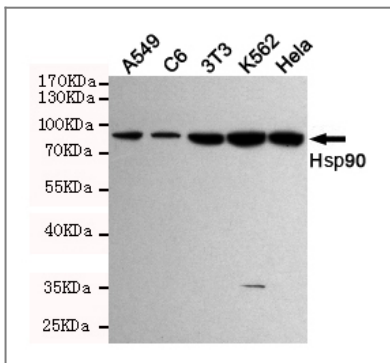
Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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.,

Validation Data



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.

Contact information

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HSP90 Mouse mAb