

HSP90 α (1F6) Mouse mAb

CatalogNo: YM3480

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF

MW

- 95kD (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 1:500-1:2000

IHC 1:100-1:300

ELISA 1:40000,

IF 1:50-200

Basic Information

Clonality Monoclonal

Clone Number 1F6

Immunogen Information

Immunogen Synthesized peptide derived from the C-terminal region of human HSP90A. at AA range: 660-740

Specificity The antibody detects endogenous HSP90 α protein

Target Information

Gene name HSP90AA1

Protein Name Heat shock protein HSP 90-alpha (Heat shock 86 kDa) (HSP 86) (HSP86) (Renal carcinoma antigen NY-REN-38)

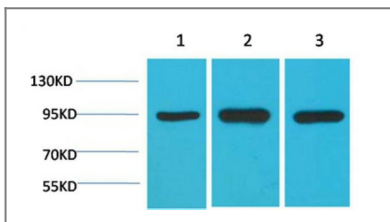
Organism	Gene ID	UniProt ID
Human	3320 ;	P07900 ;
Mouse	15519 ;	P07901 ;
Rat	299331 ;	P82995 ;

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

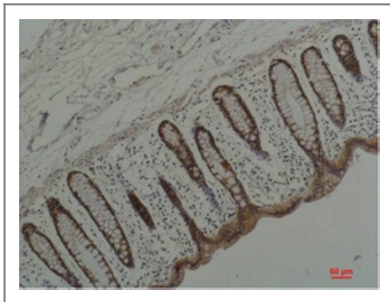
Tissue specificity Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius

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 analysis of 1) HeLa, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with HSP90 α Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma using HSP90 α Mouse mAb diluted at 1:200.

Contact information

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HSP90 α (1F6)
Mouse mAb

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