

Product Name: HSP90 α (1F6)Mouse Monoclonal Antibody
Catalog #: AMM12261

Summary

Production Name	HSP90 α (1F6)Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	HSP90AA1
Alternative Names	Heat shock protein HSP 90-alpha (Heat shock 86 kDa;HSP 86;HSP86;Renal carcinoma antigen NY-REN-38)
Gene ID	3320.0
SwissProt ID	P07900.Synthesized peptide derived from the C-terminal region of human HSP90A. at AA range: 660-740

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300
Molecular Weight	95kD

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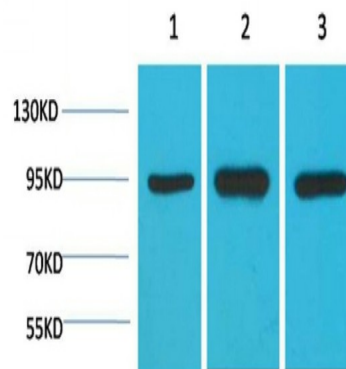
Background

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], 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.,

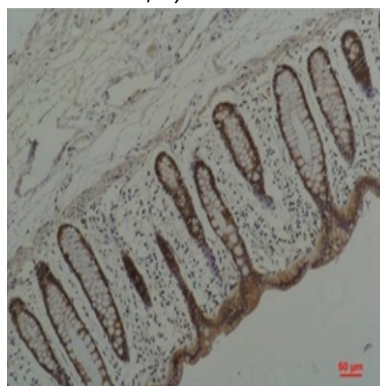
Research Area

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

Image 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.

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Note

For research use only.