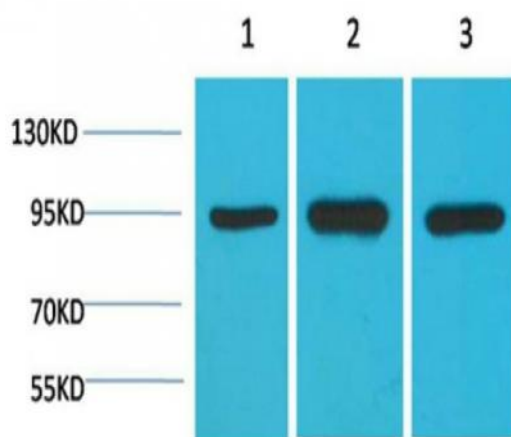


HSP90 α Monoclonal Antibody(1F6)

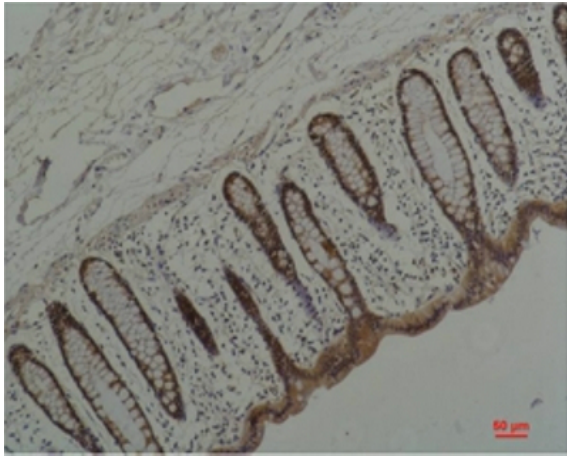
Catalog No :	YM3480
Reactivity :	Human;Rat;Mouse
Applications :	WB;IHC;IF
Target :	HSP 90
Fields :	>>Protein processing in endoplasmic reticulum;>>PI3K-Akt signaling pathway;>>Necroptosis;>>Antigen processing and presentation;>>NOD-like receptor signaling pathway;>>IL-17 signaling pathway;>>Th17 cell 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
Gene Name :	HSP90AA1
Protein Name :	Heat shock protein HSP 90-alpha (Heat shock 86 kDa) (HSP 86) (HSP86) (Renal carcinoma antigen NY-REN-38)
Human Gene Id :	3320
Human Swiss Prot No :	P07900
Mouse Swiss Prot No :	P07901
Rat Swiss Prot No :	P82995
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
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
	WB 1:500 - 1:2000, IHC 1:100 - 1:300, ELISA: 1:40000,, IF 1:50-200

Purification :	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	95kD
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 analysis of 1) HeLa, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with HSP90 a Mouse mAb diluted at 1:2,000.



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