

Product Name: Hsp90 alpha (5D6) Mouse Monoclonal Antibody**Catalog #: AMM03616**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 95 kDa

Antigen Information

Gene Name	HSP90AA1
Alternative Names	HSP90AA1; HSP90A; HSPC1; HSPCA; Heat shock protein HSP 90-alpha; Heat shock 86 kDa; HSP 86; HSP86; Renal carcinoma antigen NY-REN-38
Gene ID	3320
SwissProt ID	P07900
Immunogen	A synthetic peptide of human Hsp90 alpha

Background

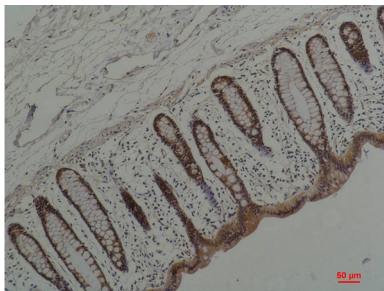
HSP90A a molecular chaperone of the heat shock protein 90 family. Has ATPase activity. Known to interact with a wide variety

of proteins including steroid hormone receptors, neuropeptide Y, FKBP51/54, and FKBP52. G protein-coupled receptor kinases are stabilized by interacting with HSP 90. Hsp70 and Hsp90 promote tau solubility and tau binding to microtubules, reducing insoluble tau.

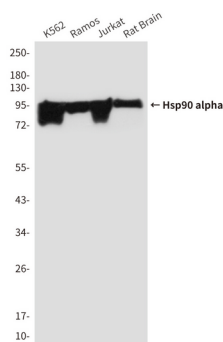
Research Area

Signal Transduction

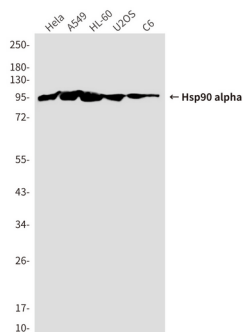
Image Data



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma using Hsp90 alpha (5D6) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Hsp90 alpha (5D6) in K562, Ramos, Jurkat, rat Brain lysates using Hsp90 alpha (5D6) antibody



Western blot analysis of Hsp90 alpha (5D6) in HeLa, A549, HL6, U2OS, C6 lysates using Hsp90 alpha (5D6) antibody