

Product Name: Hsp90 alpha Mouse Monoclonal Antibody**Catalog #: AMM85036**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse 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	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
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	Hsp90 alpha
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	3320.0
SwissProt ID	P07900
Immunogen	Purified recombinant protein expressed in E.coli.

Background

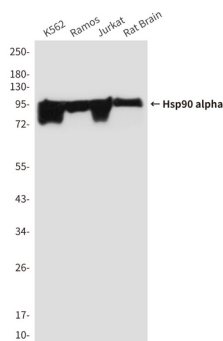
HSP90A a molecular chaperone of the heat shock protein 90 family. Has ATPase activity. Known to interact with a wide variety of proteins including steroid hormone receptors, neuropeptide Y, FKBP51/54, and FKBP52. G protein-coupled receptor kinases

are stabilized by interacting with HSP 90. Hsp70 and Hsp90 promote tau solubility and tau binding to microtubules, reducing insoluble tau.

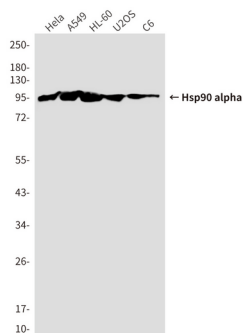
Research Area

PI3K-Akt signaling pathway

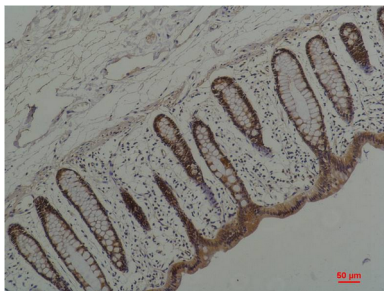
Image Data



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



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



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