

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

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## Summary

<b>Production Name</b>	Hsp90 alpha (5D6) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	HSP90AA1
<b>Alternative Names</b>	HSP90AA1; HSP90A; HSPC1; HSPCA; Heat shock protein HSP 90-alpha; Heat shock 86 kDa; HSP 86; HSP86; Renal carcinoma antigen NY-REN-38
<b>Gene ID</b>	3320
<b>SwissProt ID</b>	P07900

## Application

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

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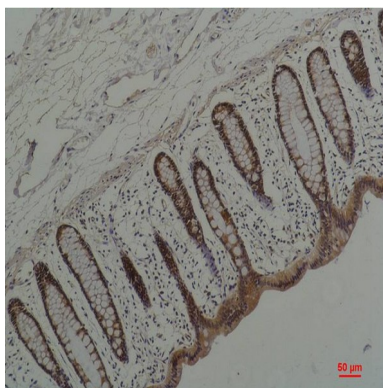
## Background

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.

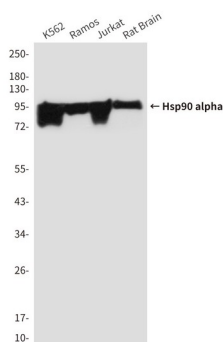
## Research Area

Signal Transduction

## Image Data



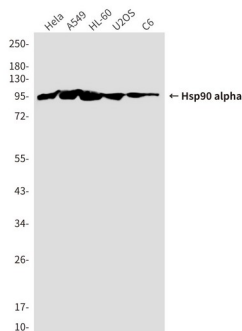
Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma using Hsp90 alpha (5D6) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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

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

### **Note**

For research use only.