

**Product Name: Hsp90 beta (6A7) Mouse Monoclonal Antibody**  
**Catalog #: AMM00872**

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## Summary

<b>Production Name</b>	Hsp90 beta (6A7) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<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% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	HSP90AB1
<b>Alternative Names</b>	HSP90AB1; HSP90B; HSPC2; HSPCB; Heat shock protein HSP 90-beta; HSP 90; Heat shock 84 kDa; HSP 84; HSP84
<b>Gene ID</b>	3326
<b>SwissProt ID</b>	P08238.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 83 kDa; Observed MW: 90 kDa

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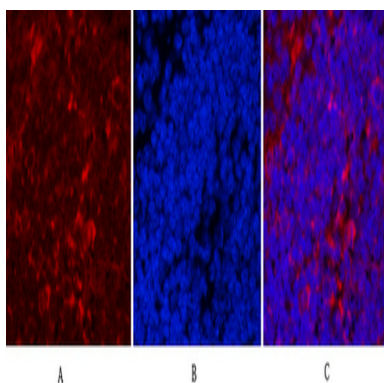
## Background

Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.

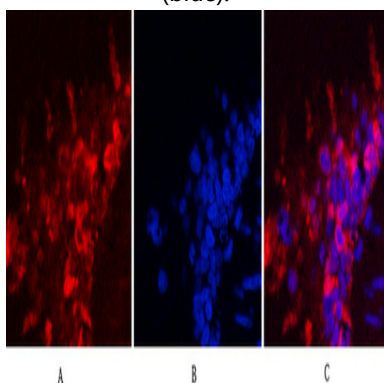
## Research Area

Signal Transduction

## Image Data



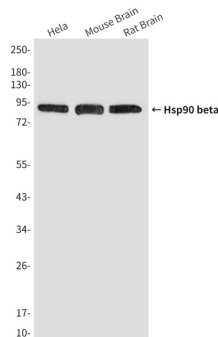
Immunofluorescence analysis of Hsp90 beta (6A7) in mouse spleen tissue using Hsp90 beta (6A7) antibody(red),and DAPI (blue).



Immunofluorescence analysis of Hsp90 beta (6A7) in rat lung tissue using HSP90β antibody(red),and DAPI (blue).

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Western blot analysis of Hsp90 beta (6A7) in HeLa, mouse Brain tissue, rat Brain tissue lysates using Hsp90 beta (6A7) antibody

### **Note**

For research use only.