Product Name: Hsp90 beta Mouse Monoclonal Antibody
Catalog #: AMM84970
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
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,ICC 1:50-1:200
Molecular Weight	Calculated MW: 83 kDa; Observed MW: 90 kDa

Antigen Information

Gene Name	Hsp90 beta
Alternative Names	HSP90AB1; HSP90B; HSPC2; HSPCB; Heat shock protein HSP 90-beta; HSP 90; Heat shock 84 kDa; HSP 84; HSP84
Gene ID	3326.0
SwissProt ID	P08238
Immunogen	Synthetic Peptide of HSP90β

Background

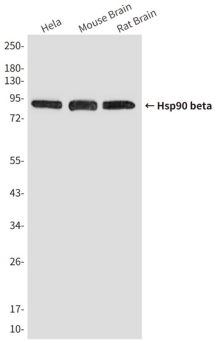
Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase

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.

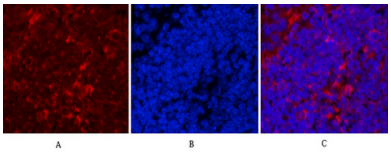
Research Area

PI3K-Akt signaling pathway

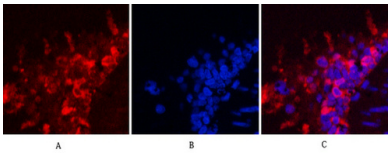
Image Data



Western blot analysis of Hsp90 beta in Hela, mouse Brain tissue, rat Brain tissue lysates using Hsp90 beta antibody



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



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