

Product Name: Hsp90 beta (3B9) Mouse Monoclonal Antibody**Catalog #: AMM03518**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat,Monkey,Hamster
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,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 83 kDa; Observed MW: 90 kDa

Antigen Information

Gene Name	HSP90AB1
Alternative Names	HSP90AB1; HSP90B; HSPC2; HSPCB; Heat shock protein HSP 90-beta; HSP 90; Heat shock 84 kDa; HSP 84; HSP84
Gene ID	3326
SwissProt ID	P08238
Immunogen	A synthetic peptide of human Hsp90 beta

Background

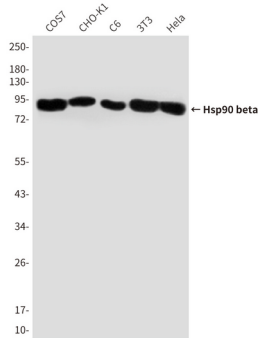
Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins

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.

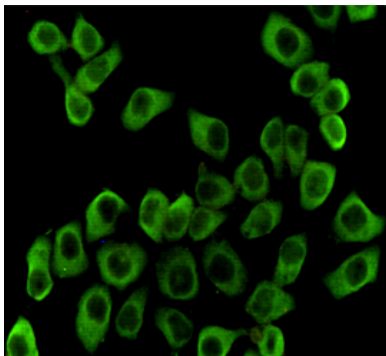
Research Area

Signal Transduction

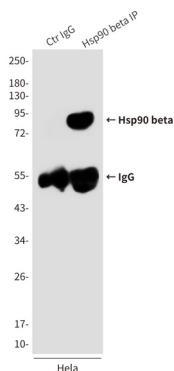
Image Data



Western blot analysis of Hsp90 beta in HeLa, 3T3, C6, CHO-K1 and COS7 lysates using Hsp90 beta antibody.



Immunocytochemistry analysis of Hsp90 beta (3B9) in HeLa using Hsp90 beta antibody.



Immunoprecipitation analysis of Hsp90 beta (3B9) in HeLa lysates using Hsp90 beta antibody.