

Product Name: HSP90AB1 Mouse Monoclonal Antibody**Catalog #: AMM81003**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat,Monkey
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	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	84kDa

Antigen Information

Gene Name	HSP90AB1
Alternative Names	HSPC2; HSPCB; D6S182; HSP90B; FLJ26984; HSP90-BETA
Gene ID	3326.0
SwissProt ID	P08238
Immunogen	Purified recombinant fragment of human HSP90AB1 expressed in E. Coli.

Background

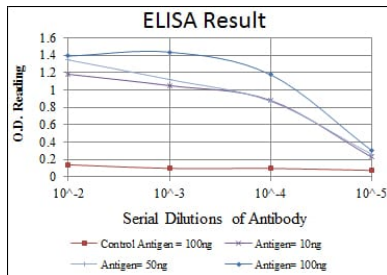
HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic

HSP90 proteins, HSP90AA1 (MIM 140571), an inducible form, and HSP90AB1, a constitutive form.

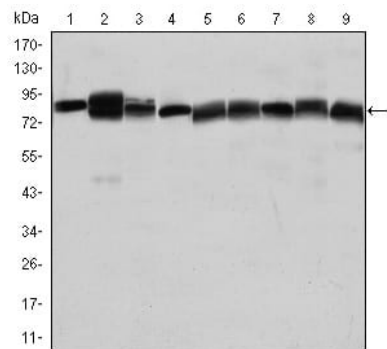
Research Area

PI3K-Akt signaling pathway

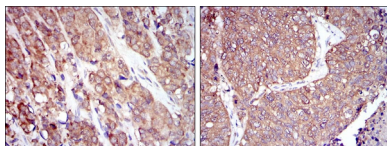
Image Data



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Western blot analysis using HSP90AB1 mouse mAb against Jurkat (1), A431 (2), Hela (3), A549 (4), HEK293 (5), K562 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues (left) and lung cancer tissues (right) using HSP90AB1 mouse mAb with DAB staining.