

Product datasheet for **AM06640SU-N**

HSP90AB1 Mouse Monoclonal Antibody [Clone ID: 1D9]

Product data:

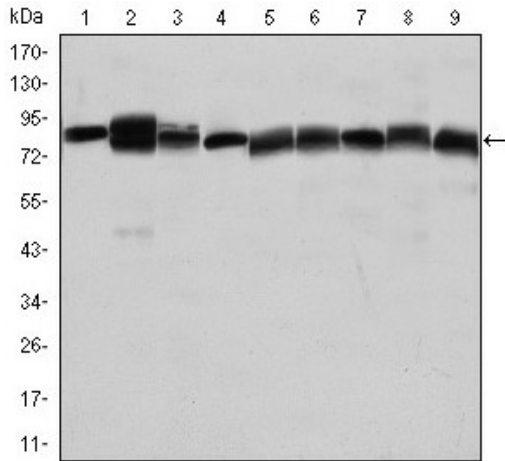
Product Type:	Primary Antibodies
Clone Name:	1D9
Applications:	ELISA, IHC, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. Immunohistochemistry on paraffin sections 1/200 - 1/1000. ELISA: 1/10000.
Reactivity:	Human, Monkey, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human HSP90AB1 expressed in E. Coli.
Specificity:	This antibody reacts to HSP90AB1.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	84 kDa
Gene Name:	heat shock protein 90kDa alpha family class B member 1
Database Link:	Entrez Gene 3326 Human P08238
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.



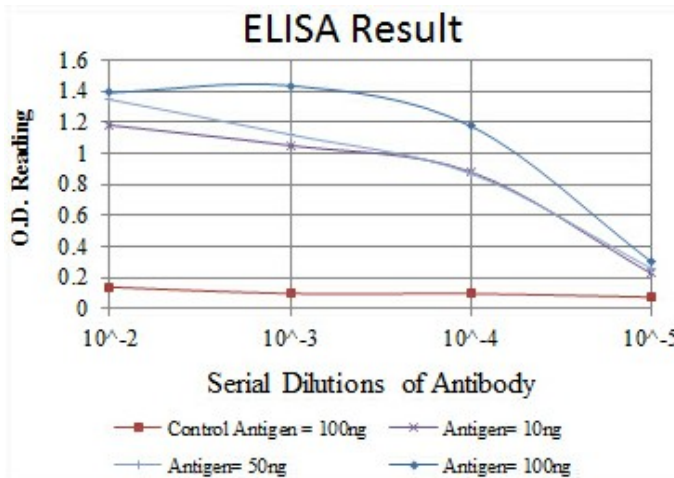
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Synonyms: HSP90B, HSPC2, HSPCB, Heat shock protein HSP 90-beta, Heat shock 84 kDa, HSP84

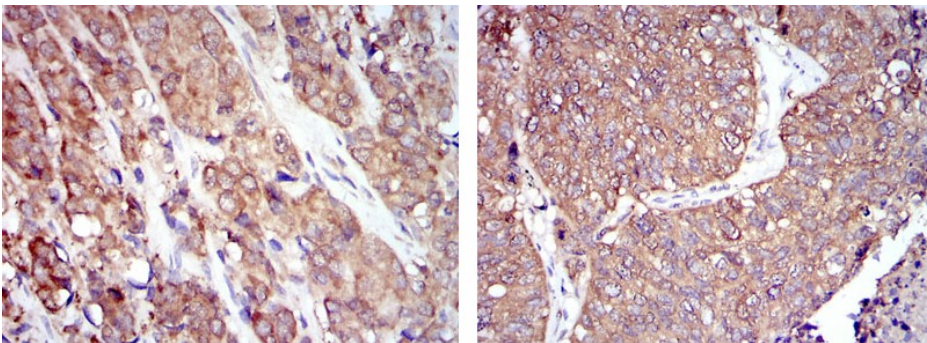
Product images:



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.



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



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