



HSP90AB1 Mouse Monoclonal Antibody

E10-30227

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.

Catalog Number: E10-30227

Amount: 100µg/100µl

Clone Number: 5G4

Species: Mouse IgG1

MW: 84kDa

Aliases: HSPC2; HSPCB; D6S182; HSP90B; FLJ26984; HSP90-BETA

Entrez Gene: 3326

Immunogen: Purified recombinant fragment of human HSP90AB1 expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human; Mouse; Rat; Monkey

Tested Applications: WB, IHC, IF, FC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF: 1/200-1/1000, FC: 1/200-1/400, ELISA: Propose dilution 1/10000.

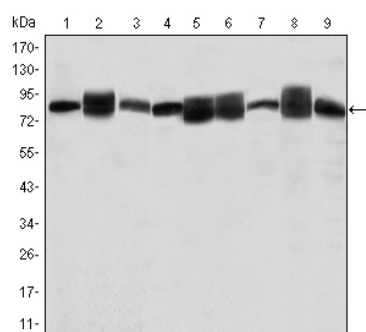


Figure 1: Western blot analysis using HSP90AB1 mouse mAb against Jurkat (1), A431 (2), Hela (3), A549 (4), HEK293 (5), K562 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.

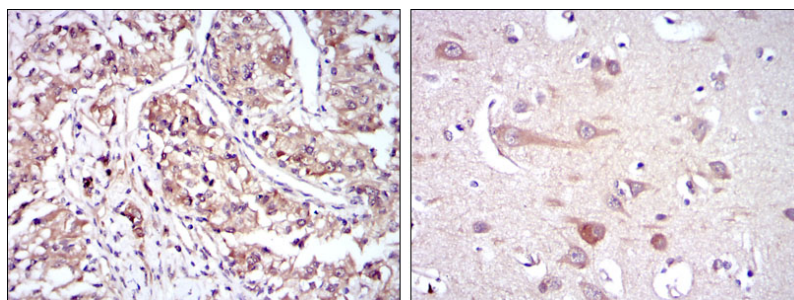
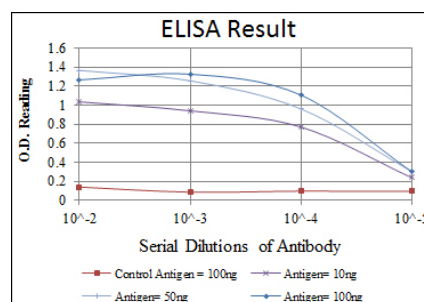


Figure 2: Immunohistochemical analysis of paraffin-embedded kidney cancer tissues (left) and brain tissues (right) using HSP90AB1 mouse mAb with DAB staining.



For Research Use Only