



Category: Monoclonal Antibodies

Product Name: Mouse Monoclonal Antibody to HSP90AB1

Catalog Number: MAB-606030227

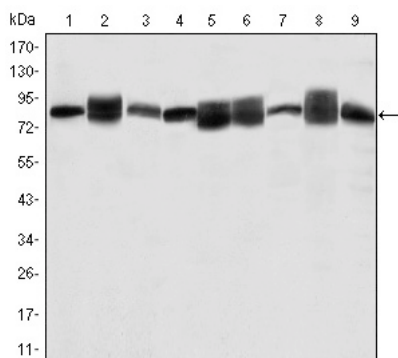


Figure 1: Western blot analysis using HSP90AB1 mouse mAb against Jurkat (1), A431 (2), HeLa (3), A549 (4), HEK293 (5), K562 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.

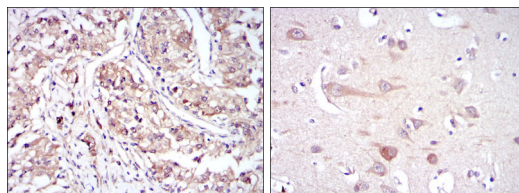


Figure 2: Immunohistochemical analysis of paraffin-embedded kidney cancer tissues (left) and brain tissues (right) using HSP90AB1 mouse mAb with DAB staining.

Lot#:
Clone#: 5G4
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 84kDa
Aliases: HSPC2; HSPCB;
D6S182; HSP90B; FLJ26984;
HSP90-BETA
Entrez Gene: 3326
Species reactivity: Human;
Mouse; Rat; Monkey

Description 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.

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

Application Western Blotting: 1/500 - 1/2000.

Immunohistochemistry: 1/200 - 1/1000.

Immunofluorescence: 1/200 - 1/1000.

Flow cytometry: 1/200 - 1/400.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

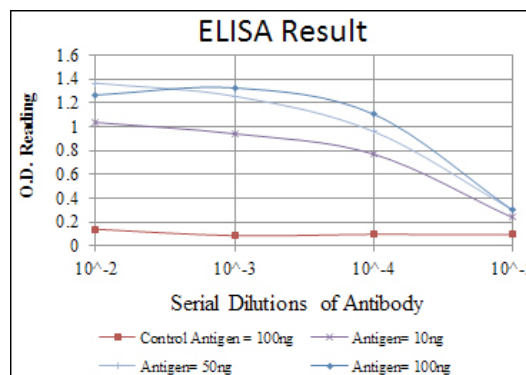
Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product

References 1. J Biol Chem. 2009 Dec 18;284(51):35381-9.

2. Int J Biol Macromol. 2009 Oct 1;45(3):310-4.



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