

## HSP90AB1 Ab

Cat.#: BF0215  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Mouse

Mol.Wt.: 84kDa  
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000, ICC 1/200 - 1/1000, FCM 1/200 - 1/400
Reactivity:	Human,Mouse,Rat,Monkey
Purification:	Affinity-chromatography.
Specificity:	HSP90AB1 Ab detects endogenous levels of total HSP90AB1.
Immunogen:	Purified recombinant fragment of human HSP90AB1 expressed in E. Coli.
Uniprot:	P08238
Description:	Molecular chaperone. Has ATPase activity.
Subcellular Location:	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity:	By heat shock.
Similarity:	The TPR repeat-binding motif mediates interaction with TPR repeat-containing proteins.Belongs to the heat shock protein 90 family.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

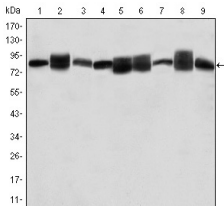
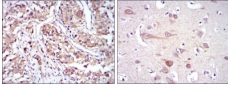
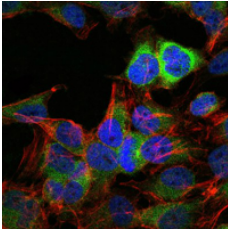


Figure 1: Western blot analysis using HSP90AB1 mouse mAb against Jurkat (1), A431 (2), Hela (3), A549 (4), HEK293 (5), K562 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.



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



Immunofluorescence analysis of HeLa cells using HSP90AB1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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