

## HSP90 BETA (6A7) MOUSE MAB

**Cat.#:** N261245

**Product Name:** Anti-Hsp90 beta (6A7) Mouse Monoclonal Antibody

**Synonyms:** HSP90AB1; HSP90B; HSPC2; HSPCB; Heat shock protein HSP 90-beta; HSP 90; Heat shock 84 kDa; HSP 84; HSP84

**UNIPROT ID:** P08238

**Background:** Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.

**Immunogen:** Synthetic Peptide of HSP90 $\beta$

**Applications:** WB,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 6A7-9E10-8G6

**MW:** Calculated MW: 83 kDa; Observed MW: 90 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

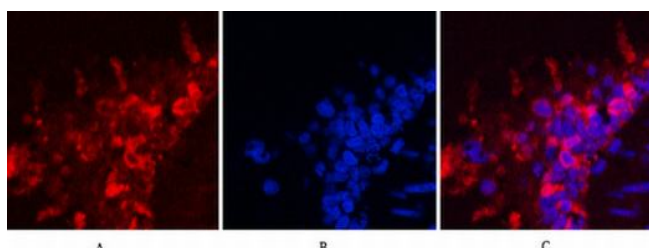
**Conjugation:** Unconjugated

**Modification:** Unmodified

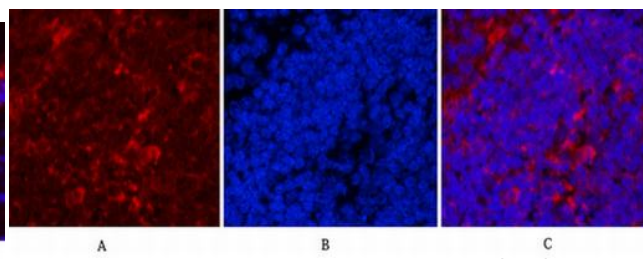
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

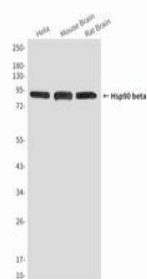
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of Hsp90 beta (6A7) in rat lung tissue using HSP90??? antibody (red), and DAPI (blue).



Immunofluorescence analysis of Hsp90 beta (6A7) in mouse spleen tissue using Hsp90 beta (6A7) antibody (red), and DAPI (blue).



Western blot analysis of Hsp90 beta (6A7) in HeLa, mouse Brain tissue, rat Brain tissue lysates using Hsp90 beta (6A7) antibody