

## HSP90 ALPHA (5D6) MOUSE MAB

**Cat.#:** N261370

**Product Name:** Anti-Hsp90 alpha (5D6) Mouse Monoclonal Antibody

**Synonyms:** HSP90AA1; HSP90A; HSPC1; HSPCA; Heat shock protein HSP 90-alpha; Heat shock 86 kDa; HSP 86; HSP86; Renal carcinoma antigen NY-REN-38

**UNIPROT ID:** P07900

**Background:** HSP90A a molecular chaperone of the heat shock protein 90 family. Has ATPase activity. Known to interact with a wide variety of proteins including steroid hormone receptors, neuropeptide Y, FKBP51/54, and FKBP52. G protein-coupled receptor kinases are stabilized by interacting with HSP 90. Hsp70 and Hsp90 promote tau solubility and tau binding to microtubules, reducing insoluble tau.

**Immunogen:** Purified recombinant protein expressed in E.coli.

**Applications:** WB,IHC-P

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

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 5D6-2G8-6D5

**MW:** Calculated MW: 85 kDa; Observed MW: 95 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

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

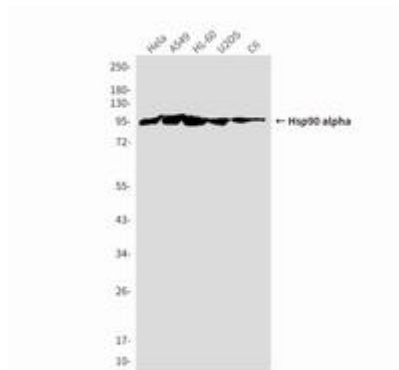
**Conjugation:** Unconjugated

**Modification:** Unmodified

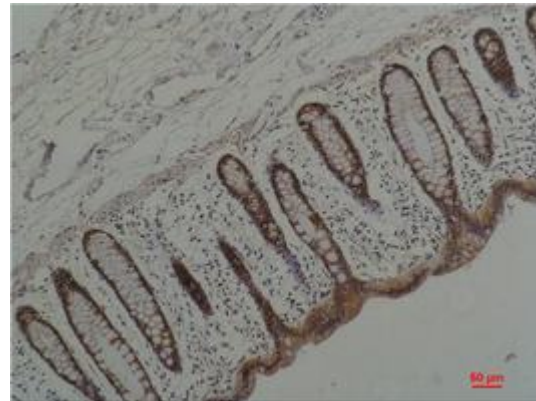
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

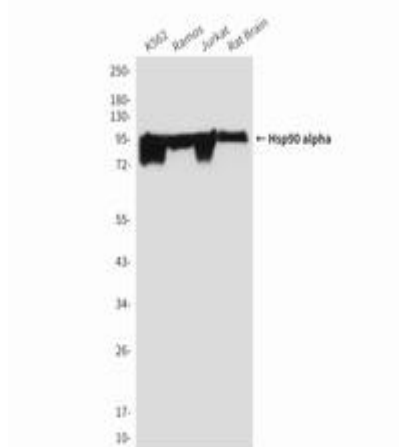
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Hsp90 alpha (5D6) in HeLa, A549, HL6, U2OS, C6 lysates using Hsp90 alpha (5D6) antibody



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma using Hsp90 alpha (5D6) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Hsp90 alpha (5D6) in K562, Ramos, Jurkat, rat Brain lysates using Hsp90 alpha (5D6) antibody