

## SP1 RABBIT MAB

**Cat.#:** N262926

**Product Name:** Anti-SP1 Rabbit Monoclonal Antibody

**Synonyms:** SP1; TSFP1; Transcription factor Sp1

**UNIPROT ID:** P08047

**Background:** SP1 is a transcription factor of the Sp1 C2H2-type zinc-finger protein family. Phosphorylated and activated by MAPK. Dephosphorylation by PTEN inhibits DNA binding. Binds to p38 in the nucleus.

**Immunogen:** A synthetic peptide of human SP1

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

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

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R01-9G6

**MW:** Calculated MW: 81 kDa; Observed MW: 90 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse

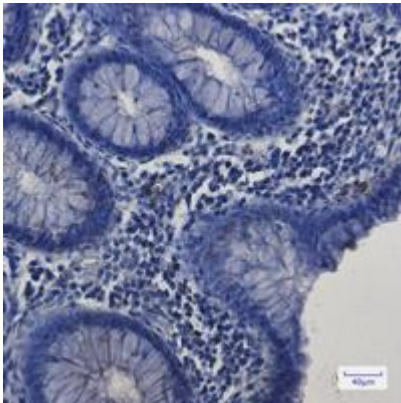
**Conjugation:** Unconjugated

**Modification:** Unmodified

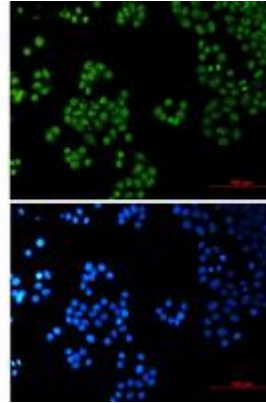
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

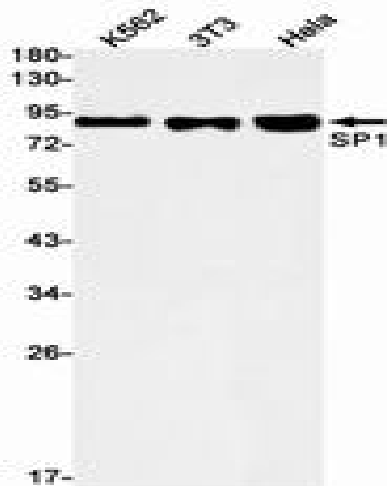
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using SP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of SP1 (green) in Hela using SP1 antibody, and DAPI (blue).



Western blot analysis of SP1 in K562, 3T3, Hela lysates using SP1 antibody.