

## STAT4 RABBIT MAB

**Cat.#:** N263561

**Product Name:** Anti-STAT4 Rabbit Monoclonal Antibody

**Synonyms:** STAT4; Signal transducer and activator of transcription 4

**UNIPROT ID:** Q14765

**Background:** Receptor-mediated tyrosine phosphorylation of Jak family members triggers phosphorylation of Stat proteins, resulting in their nuclear translocation, binding to specific DNA elements, and subsequent activation of transcription.

**Immunogen:** A synthetic peptide of human STAT4

**Applications:** WB,IHC-P,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R02-1C1

**MW:** Calculated MW: 86 kDa; Observed MW: 86 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

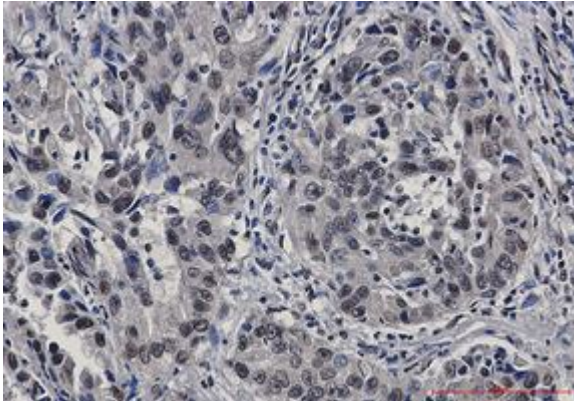
**Conjugation:** Unconjugated

**Modification:** Unmodified

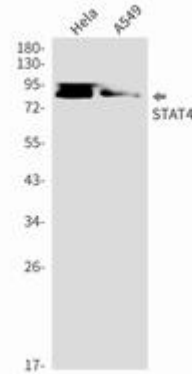
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

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



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using STAT4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of STAT4 in HeLa, A549 lysates using STAT4 antibody.