

## MSK1 RABBIT PAB

**Cat.#:** N225457

**Product Name:** Anti-MSK1 Rabbit pAb

**Synonyms:** RPS6KA5; MSK1; Ribosomal protein S6 kinase alpha-5; S6K-alpha-5; 90 kDa ribosomal protein S6 kinase 5; Nuclear mitogen- and stress-activated protein kinase 1; RSK-like protein kinase; RSKL

**UNIPROT ID:** O75582

**Background:** Serine/threonine-protein kinase that is required for the mitogen or stress-induced phosphorylation of the transcription factors CREB1 and ATF1 and for the regulation of the transcription factors RELA, STAT3 and ETV1/ER81, and that contributes to gene activation by histone phosphorylation and functions in the regulation of inflammatory genes. Phosphorylates CREB1 and ATF1 in response to mitogenic or stress stimuli such as UV-C irradiation, epidermal growth factor (EGF) and anisomycin.

**Immunogen:** Synthesized peptide derived from human MSK1 around the non-phosphorylation site of T581.

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

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

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

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

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse

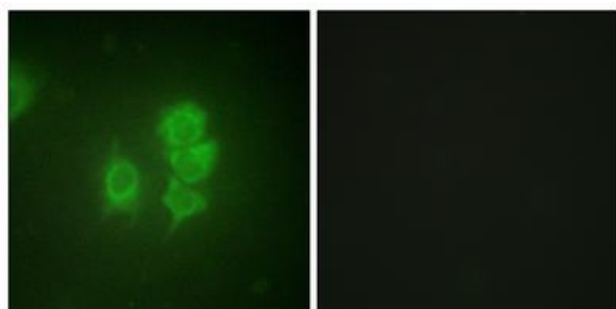
**Conjugation:** Unconjugated

**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:** Signal Transduction

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



Immunofluorescence analysis of MSK1 in HUVEC using MSK1 antibody. The picture on the right is blocked using the synthesized peptide.



Western blot analysis of MSK1 in 293 lysates using MSK1 antibody.



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

---