

Anti-MSK1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011848

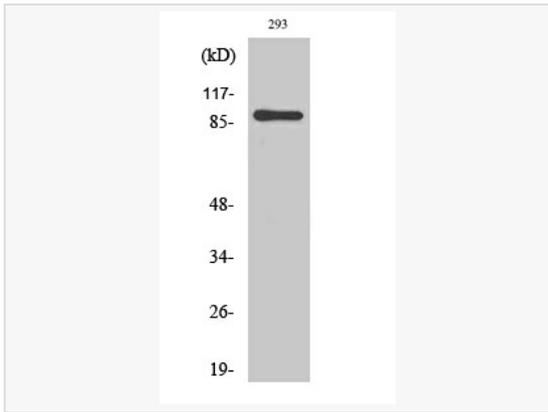
Product Information

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| Application | WB, ICC/IF (Cell), IHC-P/IF (Tissue-P), ELISA |
| Reactivity | Human, Mouse |
| Dilution | WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Synthesized peptide derived from human MSK1 around the non-phosphorylation site of T581. |
| Format | Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-MSK1 antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

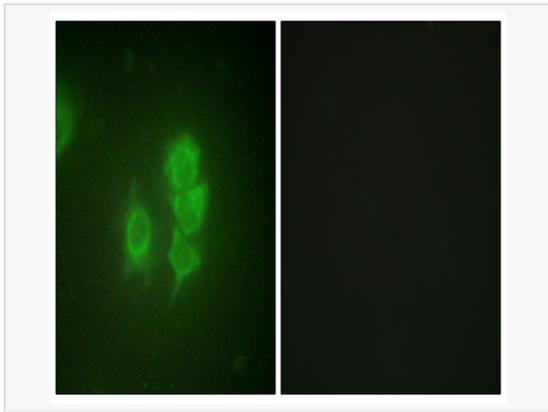
Protein Information

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| 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. |
| Calculated MW | Calculated MW: 90 kDa; Observed MW: 90 kDa |
| Uniprot ID | O75582 |
| Gene ID | 9252 |
| 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. |

Validation Images



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



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