PHOSPHO-MSK1 (SER360) RABBIT MAB

Cat.#: N261706

Product Name: Anti-Phospho-MSK1 (Ser360) Rabbit Monoclonal Antibody

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: A synthetic phosphopeptide corresponding to residues surrounding Ser360 of human MSK1

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-1G8

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

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat,Hamster

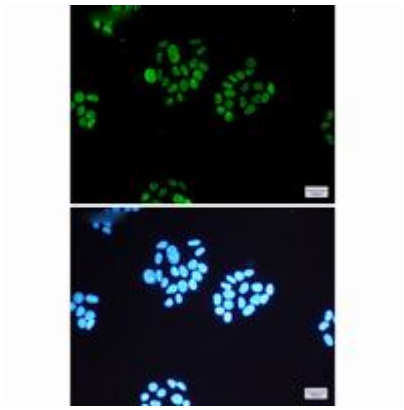
Conjugation: Unconjugated

Modification: Phosphorylated

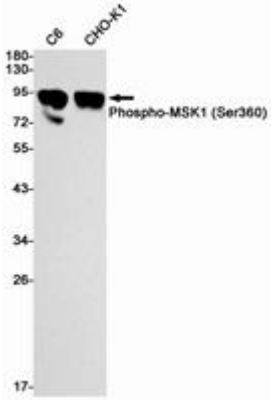
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: EpigeneticsyyyyyHistone phosphorylation

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



Immunocytochemistry analysis of MSK1 (Phospho- S360)(green) in Hela using MSK1 (Phospho- S360) antibody,and DAPI(blue)



Western blot analysis of Phospho-MSK1 (Ser360) in C6, CHO-K1 lysates using Phospho-MSK1 (Ser360) antibody.