



Affinity-Purified Rabbit Anti-phospho-MSK2 (S196) Antibody

Specificity: Human phospho-MSK2 (S196)	Size: 0.1 mg
Source: Rabbit	IgG Type: rabbit IgG

Background:

Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB. Essential role in the control of RELA transcriptional activity in response to TNF.

Other Name: Nuclear mitogen- and stress-activated protein kinase 2

Specificity:

Human: Positive

Application : For western blot analysis, an antibody concentration of 1 µg/ml is recommended

ELISA	Positive
Western blotting	Positive 1 mg/ml
Immunohistochemistry	Positive
Immunoprecipitation	Positive
Flow cytometry	Positive

Isotype: Rabbit IgG

Description: This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding the phospho sites.

Storage: Upon reconstitution, maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C to -70°C. Lyophilized samples are stable for twelve months from the date of receipt when stored at -20°C to -70°C

Format: Purified rabbit monoclonal antibody supplied in PBS with 0.02% (W/V) sodium azide. This antibody is first purified by protein G affinity chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low salt and neutralized immediately, followed by dialysis against PBS.

Precautions: This product is for research use only. Not for use in diagnostic or therapeutic procedures.

References:

1. [Arthur J.S.C.](#); "MSK1 activity is controlled by multiple phosphorylation sites."; [Biochem. J. 387:507-517\(2005\)](#).
2. [Parvin J.D.](#); "Phosphorylation of histone H2A inhibits transcription on chromatin templates."; [J. Biol. Chem. 279:21866-21872\(2004\)](#).
3. [Arthur J.S.](#); "MSK2 and MSK1 mediate the mitogen- and stress-induced phosphorylation of histone H3 and HMG-14."; [EMBO J. 22:2788-2797\(2003\)](#).