

# MSK1(Ab-376) Antibody

Catalog No: #21198



Package Size: #21198-1 50ul #21198-2 100ul #21198-4 25ul

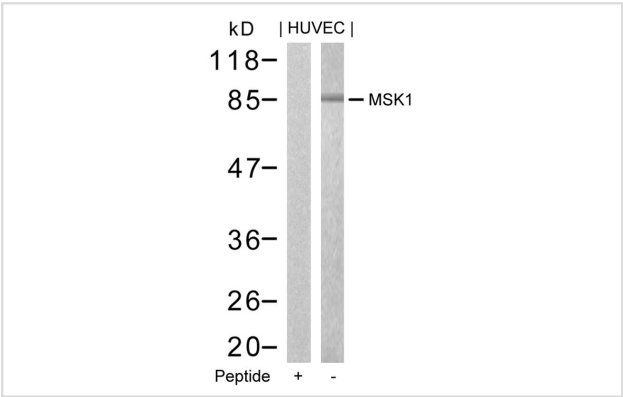
## Overview

Product Name	MSK1(Ab-376) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	MSK1
Alternative Names	MSPK1; RPS6KA5;

## Application Details

Predicted MW: 90kd
Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from HUVEC cells using MSK1(Ab-376) Antibody #21198 and the same antibody preincubated with blocking peptide.

## Descriptions

Immunogen	Peptide sequence around aa.374~378 (G-Y-S-F-V) derived from Human MSK1.
Specificity	The antibody detects endogenous level of total MSK1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: O75582NCBI Protein: NP_004746.2

## Related Information

Serine/threonine kinase required for the mitogen or stress-induced phosphorylation of the transcription factors CREB (cAMP response element-binding protein) and ATF1 (activating transcription factor-1). Essential role in the control of RELA transcriptional activity in response to TNF. Directly represses transcription via phosphorylation of 'Ser-1' of histone H2A. Phosphorylates 'Ser-10' of histone H3 in response to mitogenics, stress stimuli and epidermal growth-factor (EGF), which results in the transcriptional activation of several immediate early genes, including proto-oncogenes c-fos/FOS and c-jun/JUN. May also phosphorylate 'Ser-28' of histone H3. Mediates the mitogen- and stress-induced phosphorylation of high mobility group protein 14 (HMG-14).

Roux PP, et al. (2004) *Microbiol Mol Biol Rev.* Jun; 68(2): 320-344

McCOY C, et al. (2005) *Biochem J.* Apr 15; 387(Pt 2): 507-517

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.