

# Phospho-JNK1-T183/Y185 Rabbit mAb

Catalog No.: AP0808

Recombinant

4 Publications

## Basic Information

### Observed MW

46kDa, 54kDa

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
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<b>IHC-P</b>	1:50 - 1:100
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<b>IP</b>	1:50 - 1:200
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<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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## Immunogen Information

### Gene ID

5599

### Swiss Prot

P45983

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2; Phospho-JNK1-T183/Y185

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

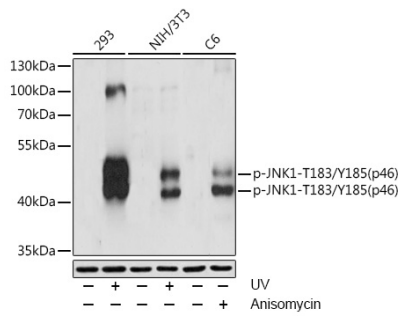
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using Phospho-JNK1-T183/Y185 Rabbit mAb (AP0808). Both 293 cells and NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes. C6 cells were treated by Anisomycin (25  $\mu$ g/mL) at 37°C for 20 minutes.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% BSA.