

# Recombinant JNK Monoclonal Antibody

Catalog Number:E-AB-81448



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

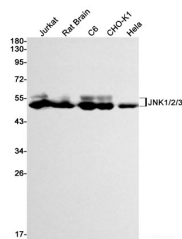
## Description

<b>Reactivity</b>	Human,Mouse,Rat,Hamster
<b>Immunogen</b>	Recombinant protein of human JNK1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R09-1G2
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

**WB** 1:500-1:1000

## Data



Western blot detection of JNK1/2/3 in Jurkat,Rat Brain,C6,CHO-K1,HeLa cell lysates using JNK1/2/3 Rabbit mAb(1:1000 diluted).Predicted band size:48,53 kDa.Observed band size:46,54kDa.

**Observed Mw:46/54kDa**  
**Calculated Mw:48/53 kDa**

## Preparation & Storage

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

## Background

MAPK8(Mitogen-activated protein kinase 8) is also named as JNK1,PRKM8,SAPK1,SAPK1C and belongs to the MAP kinase subfamily. MAPK8 is activated by dual phosphorylation at a Thr-Pro-Tyr motif during response to UV light. MAPK8 functions to phosphorylate c-Jun at N-terminal serine regulatory sites of Ser-63 and Ser-73, mapping within the transactivation domain. Phosphorylation of these sites in response to UV results in transcriptional activation of c-Jun. It has 4 isoforms produced by alternative splicing with the molecular weight of 46 kDa and 48 kDa. This protein can be phosphorylated and this antibody recognizes the 46 kDa and 55 kDa bands in western blot.

## For Research Use Only

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