

Recombinant

DGRmAb®

**Phospho-JNK1 (Thr183/Tyr185) (DGR31252) Rabbit mAb**

db11220

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-JNK1 (Thr183/Tyr185) (DGR31252) Rabbit mAb**Cat.No.:** db11220**Synonyms** : JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2**Application** : WB, IP**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Apr 2016]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Thr183/Tyr185 of human JNK1

**Gene ID**

5599

**Swiss Prot**

P45983

**Synonyms**

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

**Reactivity**

Human

**Application**

WB, IP

**Recommended dilution**WB: 1:1000  
IP: 1:20-1:50**Calculated MW**

48,53 kDa

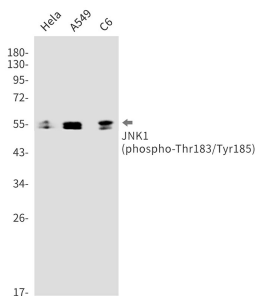
**Observed MW**

46,54 kDa

**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR31252
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of JNK1 (phospho-Thr183/Tyr185) in HeLa,A549,C6 cell lysates using JNK1 (phospho-Thr183/Tyr185) antibody(1:1000 diluted).