

**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 cytochrome 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

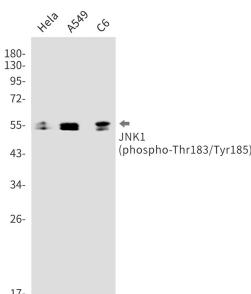
**Observed MW**

46,54 kDa

**Host species**

Rabbit

<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR31252
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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).