

Recombinant**DGRmAb®****Phospho-JNK1/JNK2/JNK3 (Tyr185/Tyr185/Tyr223) (DGR31676) Rabbit mAb****db12699****Package : 10µL 20µL 50µL 100µL****Product Name :** Phospho-JNK1/JNK2/JNK3 (Tyr185/Tyr185/Tyr223) (DGR31676) Rabbit mAb**Cat.No.:** db12699**Synonyms :** JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2**Application :** WB, IP**Reactivity :** Human, Mouse, Rat**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 Tyr185/Tyr185/Tyr223 of human JNK1+JNK2+JNK3

Gene ID

5599

Swiss Prot

P45983

Synonyms

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

Reactivity

Human, Mouse, Rat

Application

WB, IP

Recommended dilution

WB: 1:1000-1:5000

IP: 1:50-1:100

Calculated MW

48 kDa

Observed MW

46,54 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR31676
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.