

Recombinant**DGRmAb®****JNK1/JNK2/JNK3 (DGR14463) Rabbit mAb****db12713****Package : 10µL 20µL 50µL 100µL****Product Name :** JNK1/JNK2/JNK3 (DGR14463) Rabbit mAb**Cat.No.:** db12713**Synonyms :** JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2**Application :** WB, ICC/IF, FC, 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

Recombinant protein of human JNK1

Gene ID

5599

Swiss Prot

P45983

Synonyms

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

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000

ICC/IF: 1:100-1:200

FC: 1:100-1:200

IP: 1:50

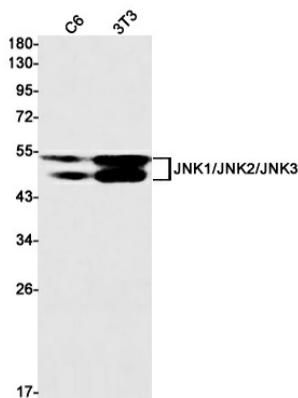
Calculated MW

48,53 kDa

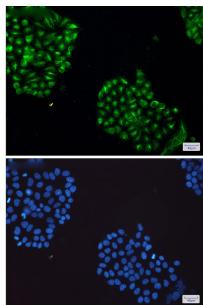
Observed MW

46,54 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14463
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/JNK2/JNK3 in C6,3T3 cell lysates using JNK1/JNK2/JNK3 antibody(1:1000 diluted).



Immunofluorescent analysis of HeLa cells using db12713 antibody (green), and DAPI (blue).