

Recombinant

DGRmAb®

JNK1/JNK2/JNK3 (DGR13729) Rabbit mAb (PBS Only)

db14225-PBS

Package : 100µg

Product Name : JNK1/JNK2/JNK3 (DGR13729) Rabbit mAb (PBS Only)**Cat.No.:** db14225-PBS**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 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

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

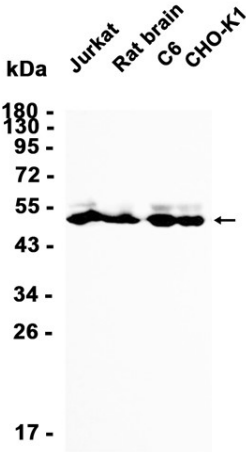
Recommended dilutionWB: 1:1000
ICC/IF: 1:500-1:1000
FC: 1:100
IP: 1:20-1:50**Calculated MW**

48,53 kDa

Observed MW

46,54 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13729
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Jurkat,C6,CHO-K1 cells and Rat brain tissue using [db14225](#)