Recombinant DGRmAb®

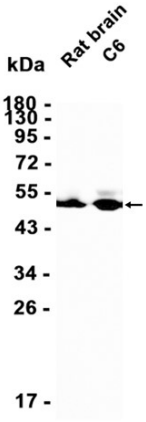
JNK1/JNK2/JNK3 (DGR13729) Rabbit mAb

db14225 **Package : 10μL 20μL 50μL 100μL**

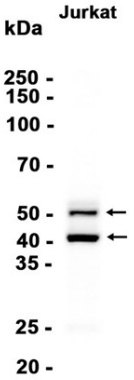
Product Name : JNK1/JNK2/JNK3 (DGR13729) Rabbit mAb
Cat.No.: db14225
Synonyms : JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2
Application : WB, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 dilution	WB: 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

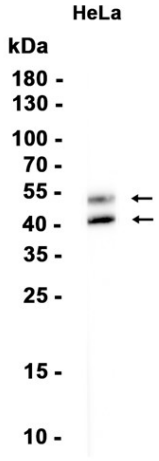
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13729
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



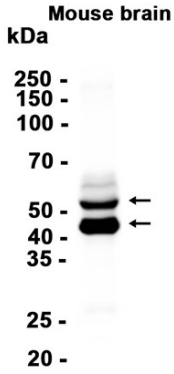
Western blot analysis of extracts from C6 cells and Rat brain tissue using db14225 at 1:1000.



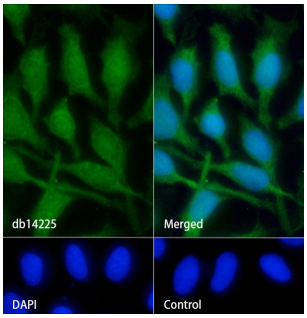
Western blot analysis of extracts from Jurkat cells using db14225 at 1:1000.



Western blot analysis of extracts from HeLa cells using db14225 at 1:1000.



Western blot analysis of extracts from Mouse brain tissue using db14225 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling JNK1/JNK2/JNK3 with db14225.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14225 (1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.