Recombinant DGRmAb®

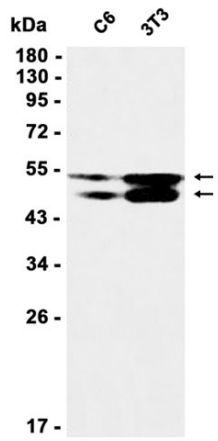
JNK1/JNK2/JNK3 (DGR14463) Rabbit mAb (PBS Only)

db12713-PBS **Package : 10μg 100μg**

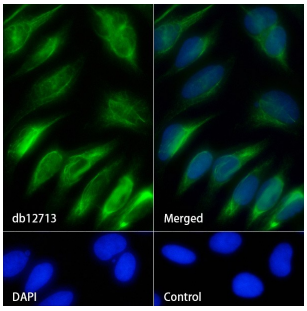
Product Name : JNK1/JNK2/JNK3 (DGR14463) Rabbit mAb (PBS Only)
Cat.No.: db12713-PBS
Synonyms : JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2
Application : WB, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
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
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 C6, 3T3 cells using db12713 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling JNK1/JNK2/JNK3 with db12713.

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 db12713 (1:100) 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.