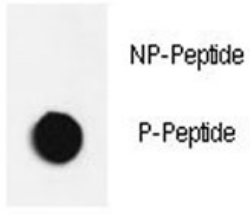
p-JNK Antibody (pT183/Y185) (F48652)

Catalog No.	Formulation	Size
F48652-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48652-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Xenopus
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P45983
Applications	Dot blot: 1:500
Limitations	This p-JNK antibody is available for research use only.



Dot blot analysis of p-JNK antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.

Description

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. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Application Notes

Titration of the p-JNK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This p-JNK antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pT183/Y185 of human JNK1.

Storage

Aliquot the p-JNK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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