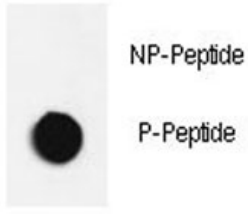
# p-JNK Antibody (pT183/Y185) (F48652)

| 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.