Anti-JNK Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012906

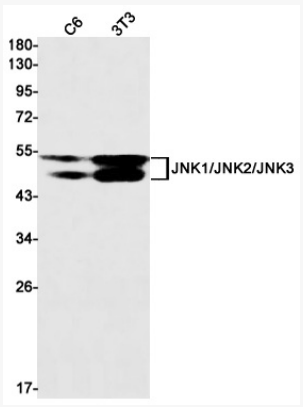
Product Information

Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	28K77K23
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human JNK1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-JNK antibody [28K77K23] is for research use only and not for use in diagnostic or therapeutic procedures.

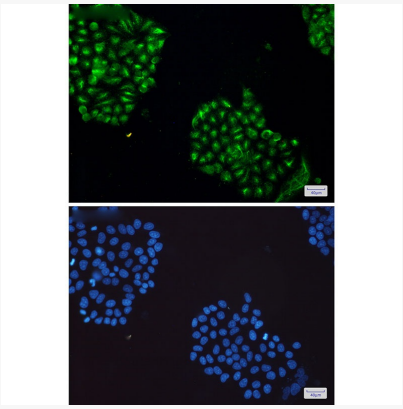
Protein Information

Synonyms	AI849689, c Jun N terminal kinase 1, C-JUN kinase 1, c-Jun N-terminal kinase 1, EC 271124, JAK 1A, JNK 1, JNK 46, JNK, JNK-46, JNK1A2, JNK21B1/2, MAP kinase 8, MAPK 8, MAPK8, Mitogen activated protein kinase 8, Mitogen-activated protein kinase 8, MK08_HUMAN, p54 gamma, PRKM 8, PRKM8, Protein kinase JNK1, Protein kinase, mitogen-activated, 8, SAPK 1, SAPK gamma, SAPK1, Stress activated protein kinase JNK1, Stress-activated protein kinase 1, Stress-activated protein kinase JNK1, Tyrosine protein kinase JAK1.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 46,54 kDa
Uniprot ID	P45983
Gene ID	5599
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.

Validation Images



Western blot analysis of JNK1/2/3 in C6, 3T3 lysates using JNK antibody.



Immunocytochemistry analysis of JNK1/2/3 (green) in Hela using JNK1/2/3 antibody and DAPI (blue)