

Mouse JNK1 Monoclonal Antibody | anti-JNK1 antibody

JNK1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320383	Mouse	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

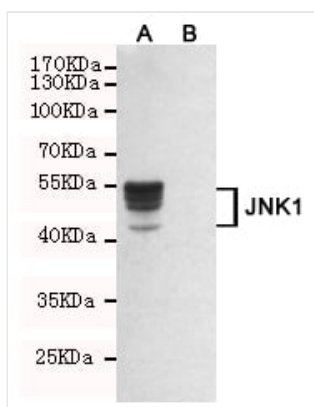
PRODUCT SYNONYMS

JNK1; Monoclonal Antibody; JNK1 Mouse mAb; A1849689; c Jun N terminal kinase 1; C-JUN kinase 1; c-Jun N-terminal kinase 1; EC 2.7.11.24; JAK 1A; JAK1A; 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 .; anti-JNK1 antibody

PRODUCT SPECIFICATIONS

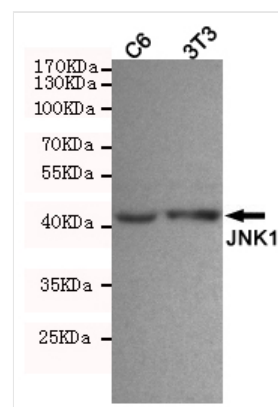
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of JNK1 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-JNK1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human JNK1 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



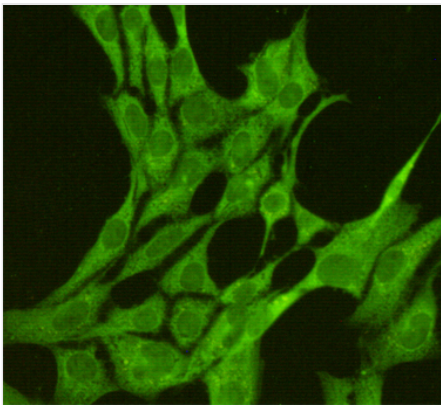
IF (Immunofluorescence)

Immunofluorescent analysis of 3T3 cells fixed by anhydrous methanol for 2 h at -20° and using anti-JNK1 mouse mAb (dilution 1:100).



WB (Western Blot)

Western blot detection of JNK1 in CHO-K1 cell lysate(B) and CHO-K1 transfected by JNK1-fragment fusion protein(A) cell lysate using JNK1 mouse mAb (1:2000 diluted). Predicted band size: 46.54KDa. Observed band size: 46.54KDa.



WB (Western Blot)
Western blot detection of JNK1 in C6 and 3T3 cell lysates using JNK1 mouse mAb (1:1000 diluted). Predicted band size: 46.54KDa. Observed band size: 46KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-JNK1 antibody	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 spl
Product Categories/Family for anti-JNK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507195
NCBI GeneID	5599
UniProt Accession #	P45983; Q15709; Q15712; Q15713; Q308M2; B5BTZ5; B7ZLV4; D3DX88; D3DX92
Molecular Weight	427
NCBI Official Full Name	Mitogen-activated protein kinase 8
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8
NCBI Official Symbol	MAPK8
NCBI Official Synonym Symbols	JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2
NCBI Protein Information	mitogen-activated protein kinase 8; MAP kinase 8; JUN N-terminal kinase; c-Jun N-terminal kinase 1; stress-activated protein kinase 1; stress-activated protein kinase 1c; mitogen-activated protein kinase 8 isoform JNK1 beta2; mitogen-activated protein kin
UniProt Protein Name	Mitogen-activated protein kinase 8
UniProt Gene Name	MAPK8
UniProt Synonym Gene Names	JNK1; PRKM8; SAPK1; SAPK1C; MAP kinase 8; MAPK 8; SAPK1c
UniProt Entry Name	MK08_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

