

Anti-JNK1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

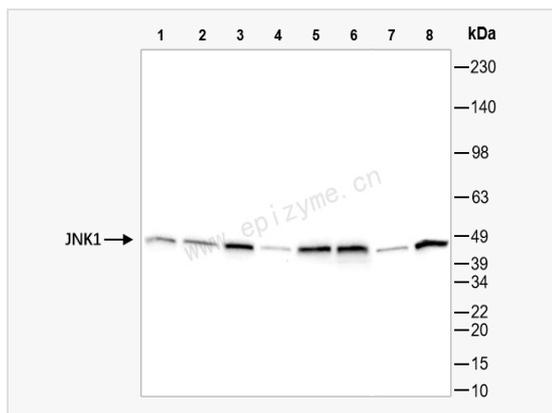
Catalog # R015653

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	19L45S75
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human JNK1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-JNK1 Rabbit mAb [19L45S75] 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 2.7.11.24; JNK 1; 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; Prkm8; Protein kinase JNK1; Protein kinase, mitogen-activated, 8; SAPK 1; SAPK gamma; SAPK1; Stress-activated protein kinase 1; Stress-activated protein kinase JNK1.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 48 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. 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]



Western Blot - Anti-JNK1 Rabbit mAb [19L45S75]

All lanes: R015653 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 7: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 8: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 48 kDa

Observed band size: 48 kDa

Developed using the ECL technique (Cat. No. SQ201).