

Rabbit anti-Mouse, Rat JNK Monoclonal Antibody | anti-JNK antibody

Recombinant JNK Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178802	Rabbit	Mouse, Rat	Immunofluorescence, Western Blot

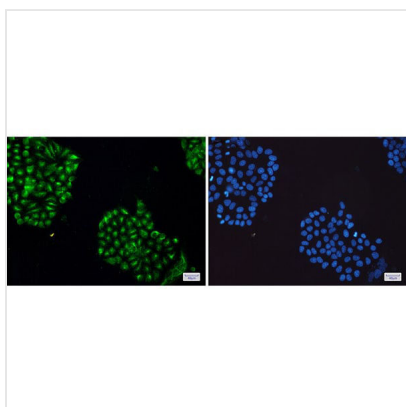
PRODUCT SYNONYMS

JNK; Monoclonal Antibody; Recombinant JNK Monoclonal Antibody; A1849689; c Jun N terminal kinase 1; C-JUN kinase 1; c-Jun N-terminal kinase 1; EC 2.7.11.24; JNK 1; JNK-46; JNK1A2; JNK21B1/2; MAP kinase 8; MAPK 8; mapk8; Mitogen activated protein kinase 8; Mitogen-activated protein kinase 8; MK08; 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; anti-JNK antibody

PRODUCT SPECIFICATIONS

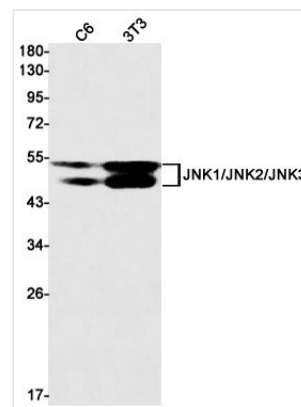
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R08-6G2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizers and 0.05% protective protein.
Applicable Applications for anti-JNK antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human JNK1
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Storage: -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of JNK1/2/3 (green) in HeLa cells using JNK1/2/3 Rabbit mAb at dilution 1:100, and DAPI(blue)



WB (Western Blot)

Western blot detection of JNK1/2/3 in C6,3T3 cell lysates using JNK1/2/3 Rabbit mAb(1:1000 diluted).Predicted band size:48,53kDa.Observed band size: 46,54kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-JNK antibody	MAPK8(Mitogen-activated protein kinase 8) is also named as JNK1,PRKM8,SAPK1,SAPK1C and belongs to the MAP kinase subfamily. MAPK8 is activated by dual phosphorylation at a Thr-Pro-Tyr motif during response to UV light. MAPK8 functions to phosphorylate c-Jun at N-terminal serine regulatory sites of Ser-63 and Ser-73,mapping within the transactivation domain. Phosphorylation of these sites in response to UV results in transcriptional activation of c-Jun. It has 4 isoforms produced by alternative splicing with the molecular weight of 46 kDa and 48 kDa. This protein can be phosphorylated and this antibody recognizes the 46 kDa and 55 kDa bands in western blot.
Product Categories/Family for anti-JNK antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507195
NCBI GeneID	5599
UniProt Accession #	P45983; Q15709; Q15712; Q15713; Q308M2; B5BTZ5; B7ZLV4; D3DX88; D3DX92
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/jnk-antibody-clone-r08-6g2-immunofluorescence-western-blot-elisa/178802>