

Rabbit JNK1/2/3 Monoclonal Antibody | anti-JNK1/2/3 antibody

JNK1/2/3 (Phospho-T183+T183+T221) Antibody

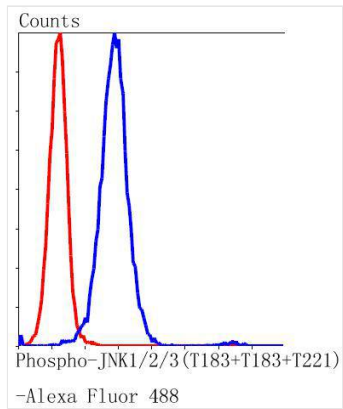
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29780	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

JNK1/2/3; Monoclonal Antibody; JNK1/2/3 (Phospho-T183+T183+T221) Antibody; C Jun kinase 2 antibody; c Jun N terminal kinase 1 antibody; c Jun N terminal kinase 2 antibody; c Jun N terminal kinase 3 antibody; c-Jun N-terminal kinase 1 antibody; JNK 46 antibody; JNK 55 antibody; JNK antibody; JNK-46 antibody; JNK1 antibody; JNK1A2 antibody; JNK2 antibody; JNK21B1/2 antibody; JNK2A antibody; JNK2ALPHA antibody; JNK2B antibody; JNK2BETA antibody; JNK3 alpha protein kinase antibody; JNK3 antibody; JNK3A antibody; Jun kinase antibody; JUN N terminal kinase antibody; MAP kinase 10 antibody; MAP kinase 8 antibody; MAP kinase 9 antibody; MAP kinase p49 3F12 antibody; MAPK 10 antibody; MAPK 8 antibody; MAPK 9 antibody; MAPK10 antibody; mapk8 antibody; MAPK9 antibody; Mitogen activated protein kinase 10 antibody; Mitogen activated protein kinase 8 antibody; Mitogen activated protein kinase 8 isoform JNK1 alpha1 antibody; Mitogen activated protein kinase 8 isoform JNK1 beta2 antibody; Mitogen activated protein kinase 9 antibody; Mitogen-activated protein kinase 8 antibody; MK08_HUMAN antibody; p493F12 antibody; p54a antibody; p54aSAPK antibody; p54bSAPK antibody; PRKM10 antibody; PRKM8 antibody; PRKM9 antibody; SAPK antibody; SAPK (beta) antibody; SAPK1 antibody; SAPK1a antibody; SAPK1b antibody; SAPK1c antibody; Stress activated protein kinase 1 antibody; Stress activated protein kinase 1a antibody; Stress activated protein kinase 1b antibody; Stress activated protein kinase 1c antibody; Stress activated protein kinase beta antibody; Stress activated protein kinase JNK1 antibody; Stress activated protein kinase JNK2 antibody; Stress activated protein kinase JNK3 antibody; Stress-activated protein kinase 1c antibody; Stress-activated protein kinase JNK1 antibody; anti-JNK1/2/3 antibody

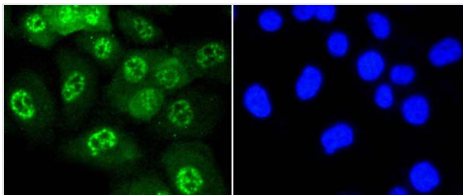
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	ST500
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-JNK1/2/3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Thr183 + Thr183 + Thr221 of human JNK1/2/3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



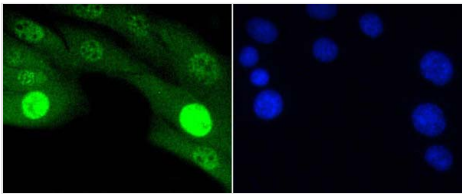
FCM (Flow Cytometry)

Flow cytometric analysis of Hela cells with Phospho-JNK1/2/3 (T183+T183+T221) antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



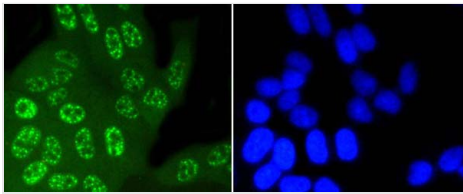
ICC (Immunocytochemistry)

ICC staining Phospho-JNK1/2/3 (T183+T183+T221) in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



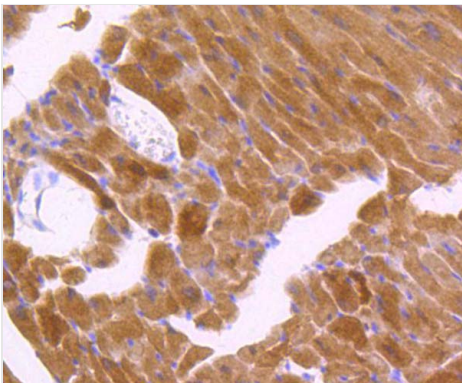
ICC (Immunocytochemistry)

ICC staining Phospho-JNK1/2/3 (T183+T183+T221) in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



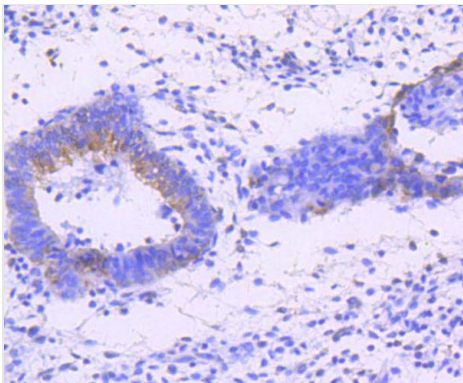
ICC (Immunocytochemistry)

ICC staining Phospho-JNK1/2/3 (T183+T183+T221) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-Phospho-JNK1/2/3 (T183+T183+T221) antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-Phospho-JNK1/2/3 (T183+T183+T221) antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-JNK1/2/3 antibody	JNKs (c-Jun N-terminal kinases) belong to a family of MAP kinases that are involved in a variety of cellular processes, including transcriptional regulation and cellular proliferation, differentiation and development. JNK2 (c-Jun N-terminal kinase 2) and JNK3 (c-Jun N-terminal kinase 3) are 424 and 464 amino acid proteins, respectively, that each contain one protein kinase domain and use magnesium as a cofactor to catalyze the phosphorylation of target proteins, thereby playing a role in a variety of events throughout the cell. Both JNK2 and JNK3 exist as multiple alternatively spliced isoforms and are subject to post-translational phosphorylation on Thr 183 and Thr 221, respectively, an event which activates JNK2/JNK3 enzymatic activity. Defects in the gene encoding JNK3 are a cause of epileptic encephalopathy of the Lennox-Gastaut type, a group of epileptic disorders characterized by severe psychomotor delay and seizures.
Product Categories/Family for anti-JNK1/2/3 antibody	Phospho-specific Ab

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/jnk1-2-3-antibody-clone-st500-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/29780>