

Rabbit JNK2 Monoclonal Antibody | anti-JNK2 antibody

JNK2 Antibody

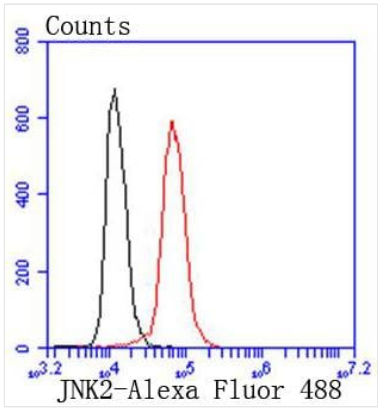
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30113	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

JNK2; Monoclonal Antibody; JNK2 Antibody; c Jun kinase 2 antibody; C Jun N terminal kinase 2 antibody; c-Jun N-terminal kinase 2 antibody; JNK 55 antibody; JNK-55 antibody; JNK2 alpha antibody; JNK2 antibody; JNK2 beta antibody; JNK2A antibody; JNK2alpha antibody; JNK2B antibody; JNK2BETA antibody; Jun kinase antibody; MAP kinase 9 antibody; MAPK 9 antibody; Mapk9 antibody; Mitogen activated protein kinase 9 antibody; Mitogen-activated protein kinase 9 antibody; MK09_HUMAN antibody; P54a antibody; p54aSAPK antibody; PRKM9 antibody; Protein kinase; mitogen-activated; 9 antibody; SAPK alpha antibody; SAPK antibody; SAPK1a antibody; Stress activated protein kinase 1a antibody; Stress-activated protein kinase JNK2 antibody; anti-JNK2 antibody

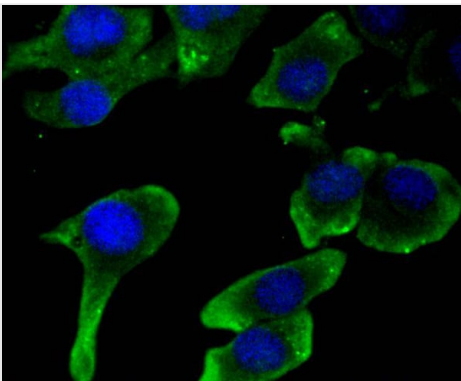
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SC05-85
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-JNK2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



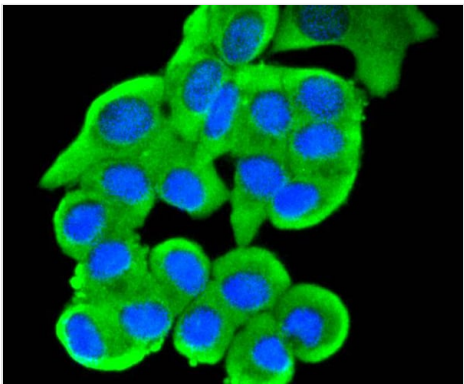
FCM (Flow Cytometry)

Flow cytometric analysis of Hela cells with JNK2 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



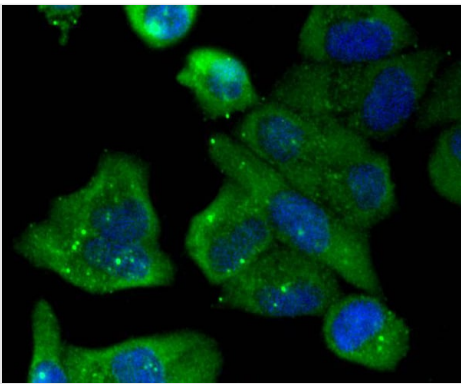
ICC (Immunocytochemistry)

ICC staining JNK2 in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



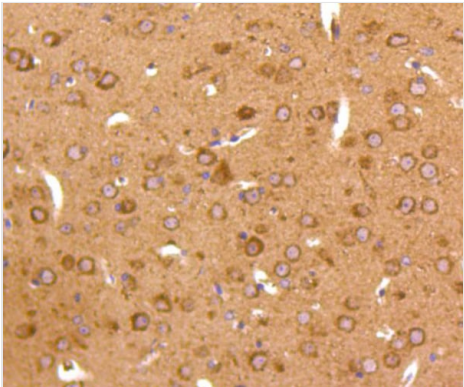
ICC (Immunocytochemistry)

ICC staining JNK2 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



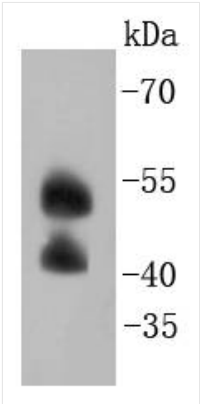
ICC (Immunocytochemistry)

ICC staining JNK2 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 brain tissue using anti-JNK2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of JNK2 on SHG-44 cell lysates using anti-JNK2 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-JNK2 antibody	c-Jun N-terminal kinases (JNKs) phosphorylate and augment transcriptional activity of c-Jun. JNKs originate from three genes that yield 10 isoforms through alternative mRNA splicing, including JNK1alpha1, JNK1beta 1, JNK2alpha1, JNK2beta 1, and JNK3alpha1, which represent the p46 isoforms, and JNK1alpha2, JNK1beta 2, JNK2alpha2, JNK2beta 2, and JNK3beta 2, which represent the p54 isoforms.JNKs coordinate cell responses to stress and influence regulation of cell growth and transformation. The human JNK1 (PRKM8, SAPK1, MAPK8) gene maps to chromosome 10q11.22 and shares 83% amino acid identity with JNK2. JNK1 is necessary for normal activation and differentiation of CD4 helper T (TH) cells into TH1 and TH2 effector cells. Capsaicin activates JNK1 and p38 in ras-transformed human breast epithelial cells. Nitrogen oxides (NOx) upregulate JNK1 in addition to c-Fos, c-Jun, and other signaling kinases, including MEKK1 and p38.
Product Categories/Family for anti-JNK2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	205277412
NCBI GeneID	5601
NCBI Accession #	NP_001128516.1
NCBI GenBank Nucleotide #	NM_001135044.1
UniProt Accession #	P45984; Q15708; Q15710; Q15711; Q8N5C5; A8K0S3; B5BU66; B5M0B4; D3DWQ8; D3DWQ9
Molecular Weight	48,139 Da
NCBI Official Full Name	mitogen-activated protein kinase 9 isoform JNK2 gamma
NCBI Official Synonym Full Names	mitogen-activated protein kinase 9
NCBI Official Symbol	MAPK9
NCBI Official Synonym Symbols	JNK2; SAPK; p54a; JNK2A; JNK2B; PRKM9; JNK-55; SAPK1a; JNK2BETA; p54aSAPK; JNK2ALPHA
NCBI Protein Information	mitogen-activated protein kinase 9; MAPK 9; Jun kinase; MAP kinase 9; c-Jun kinase 2; c-Jun N-terminal kinase 2; stress-activated protein kinase 1a; stress-activated protein kinase JNK2
UniProt Protein Name	Mitogen-activated protein kinase 9
UniProt Gene Name	MAPK9
UniProt Synonym Gene Names	JNK2; PRKM9; SAPK1A; MAP kinase 9; MAPK 9; SAPK1a
UniProt Entry Name	MK09_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/jnk2-antibody-clone-sc05-85-western-blot-immunocytochemistry-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/30113>