Mouse anti-Human MAPK8 / JNK1 / JNK Monoclonal Antibody | anti-MAPK8 antibody

Mouse Monoclonal [clone 3H2] (IgG2a,k) to Human MAPK8 / JNK1 / JNK

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51887	**Mouse**	**Human**	**ELISA, Immunoprecipitation, Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

MAPK8 / JNK1 / JNK; Monoclonal Antibody; Mouse Monoclonal [clone 3H2] (IgG2a; k) to Human MAPK8 / JNK1 / JNK; Anti-MAPK8 / JNK1 / JNK Antibody (clone 3H2) IHC-plus; MAPK8; JNK; JNK1; JNK1A2; JNK-46; MAP kinase 8; PRKM8; SAPK1; SAPK1c; MAPK 8; C-Jun N-terminal kinase 1; JNK21B1/2; JUN N-terminal kinase; Human MAPK8; anti-MAPK8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3H2
Specificity	Human MAPK8 / JNK1
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.2. Sourced in Ascites.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	427
Applicable Applications for anti-MAPK8 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein encoding amino acids 318 to 427 of NP_620637
Immunogen Type	Recombinant protein
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

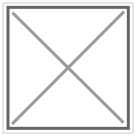
IMAGES



IP (Immunoprecipitation)
Immunoprecipitation of MAPK8 transfected lysate using anti-MAPK8 monoclonal antibody and Protein A magnetic bead, immunoblotted with MAPK8 rabbit polyclonal antibody.



WB (Western Blot)
Western blot of MAPK8 expression in transfected 293T cell line by MAPK8 monoclonal antibody, clone 3H2.



IHC (Immunohistochemistry)
Anti-MAPK8 / JNK1 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK8 antibody	JNK1, a MAPK type protein kinase, regulates cell apoptosis, differentiation and growth in response to growth factors, inflammatory cytokines and cellular stress. JNK1 is phosphorylated by MKK4/MAP2K4 and MKK7/MAP2K7. Activated JNK1 translocates to the nucleus where it phosphorylates transcription factors, including c-Jun, ATF2, ELK1, Jun-D and NFAT4. At least four alternatively spliced transcript variants encoding distinct isoforms, 384 and 427 amino acids, have been identified.
Product Categories/Family for anti-MAPK8 antibody	Family: Protein Kinase; Subfamily: MAPK

NCBI AND UNIPROT INFORMATION

NCBI GI #	20986523
NCBI GeneID	5599
NCBI Accession #	NP_620637.1
NCBI GenBank Nucleotide #	NM_139049.2
UniProt Accession #	P45983; Q15709; Q15712; Q15713; Q308M2; B5BTZ5; B7ZLV4; D3DX88; D3DX92
Molecular Weight	35,333 Da
NCBI Official Full Name	mitogen-activated protein kinase 8 isoform alpha2
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 kinase 8 isoform JNK1 alpha1
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/mapk8-jnk1-jnk-antibody-clone-3h2-immunoprecipitation-western-blot-immunohistochemistry-elisa/51887