

Mouse MAPK8 Monoclonal Antibody | anti-MAPK8 antibody

MAPK8 antibody

CATALOG # AAA108201	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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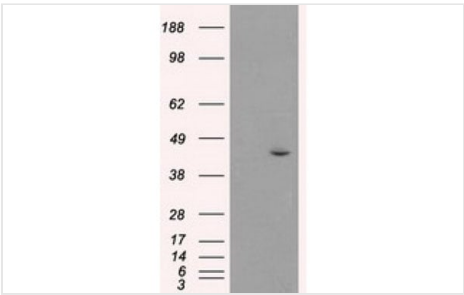
PRODUCT SYNONYMS

MAPK8; Monoclonal Antibody; MAPK8 antibody; Monoclonal MAPK8; Anti-MAPK8; Mitogen activated protein kinase 8; JNK1; SAPK1; PRKM8; JNK; Stress-activated protein kinase 1; JNK1 alpha protein kinase; MAPK 8; MAPK-8; anti-MAPK8 antibody

PRODUCT SPECIFICATIONS

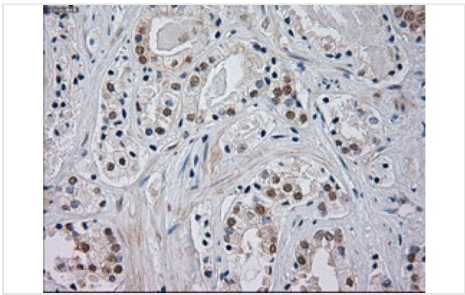
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2C6
Purity/Purification	MAPK8 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-MAPK8 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	MAPK8 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 inducedapoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochromc-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a keyrole in T cell proliferation, apoptosis and differentiation.
Cross-Reactivity	Human
Immunogen	MAPK8 antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 1-384 of human JNK1 (NP_002741) produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MAPK8 protein (Right) or empty vector (Left) detected with MAPK8 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of MAPK8 protein in paraffin embedded Carcinoma of Human prostate tissue using MAPK8 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK8 antibody	Mouse monoclonal MAPK8 antibody
Product Categories/Family for anti-MAPK8 antibody	Proteases ; Inhibitors ; & Enzymes

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/mapk8-antibody-clone-2c6-western-blot-immunohistochemistry-elisa/108201>