

Basic Information

Product Name	Anti-JNK1/MAPK8 Antibody (Clone#OTI3B4H9)
Gene Name	MAPK8
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Recombinant protein expressed in E.coli corresponding to amino acids 1-384 of human JNK1
Concentration	0.4 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	44 kDa
Dilution Ratios	Western blot (WB):1:1000

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

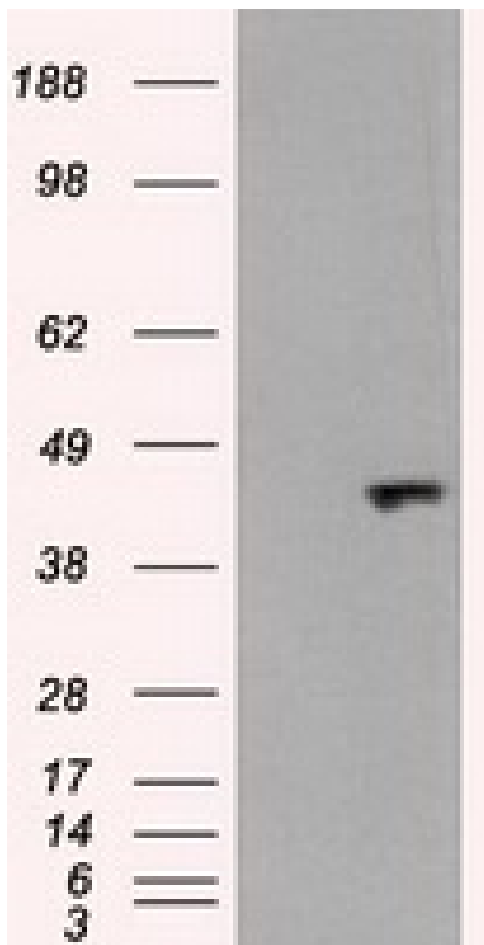
Background Information

Mitogen-activated protein kinase 8 is an enzyme that in humans is encoded by the MAPK8 gene. The protein encoded by this gene is a member of the MAP kinase family. The International Radiation Hybrid Mapping Consortium mapped the MAPK8 gene to chromosome 10. The single long open reading frame encodes a putative protein kinase with a predicted mass of 44.2 kD. This kinase play a key role in T cell proliferation, apoptosis and differentiation.

Selected Validation Data

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Catalog Number: M02608-4



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY JNK1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-JNK1.