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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAPK8 monoclonal antibody (M25), clone 1A2

Catalog # : H00005599-M25

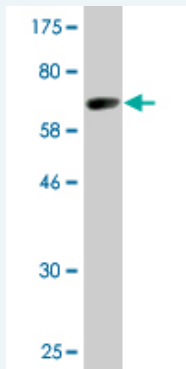
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant MAPK8.
Immunogen:	MAPK8 (NP_002741.1, 1 a.a. ~ 384 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSRSKRDNNFYVSVEIGDSTFTVLKRYQNLKPIGSGAQGIVCAAYDAILER NVAIKKLSRPFQNTAKRAYRELVLKMCVNHKNIIGLLNVFTPQKSLEEF QDVYIVMELMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDL KPSNIVKSDCTLKILDFGLARTAGTSFMMTPYVVTRYRAPEVILGMGY KENVDLWSVGCIMGEMVCHKILFPGRDYIDQWNKIEQLGTPCEFMKK LQPTVRTYVENRPKYAGYSFEKLPDVLFPADSEHNKLGASQARDLLSK MLVIDASKRISVDEALQHPYINWYDPSEAEAPPKIPDKQLDEREHTIEE WKELIYKEVMDLEERTKNGVIRGQPSPLAQVQQ
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (67.87 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

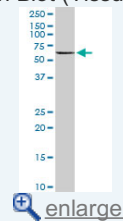
Datasheet: [Download](#)

Applications

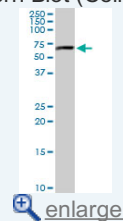
Western Blot (Tissue lysate)

Application Image

Western Blot (Tissue lysate)

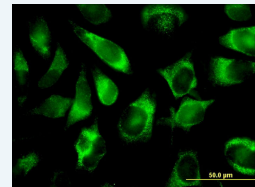


Western Blot (Cell lysate)



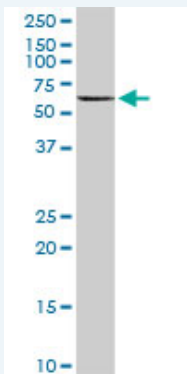
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

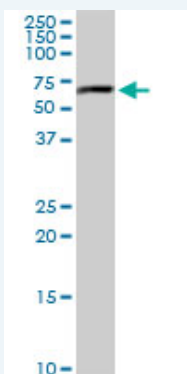
ELISA



MAPK8 monoclonal antibody (M25), clone 1A2. Western Blot analysis of MAPK8 expression in human kidney.

 [Protocol Download](#)

Western Blot (Cell lysate)



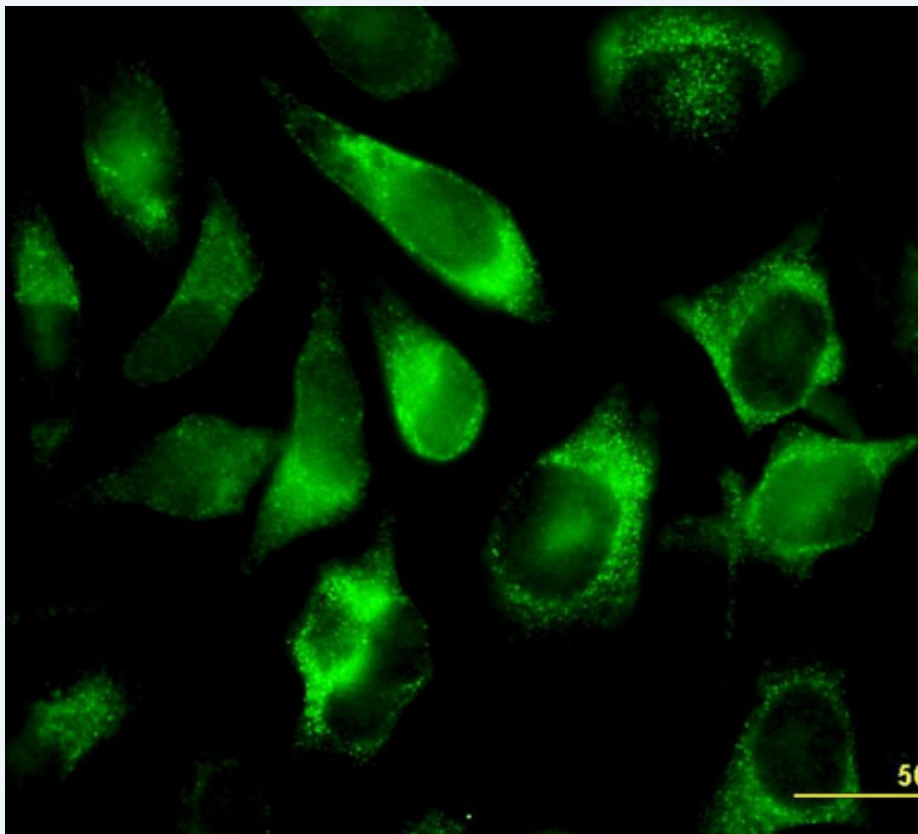
MAPK8 monoclonal antibody (M25), clone 1A2. Western Blot analysis of MAPK8 expression in A-431 (Cat # L015V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

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Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to MAPK8 on HeLa cell . [antibody

ELISA

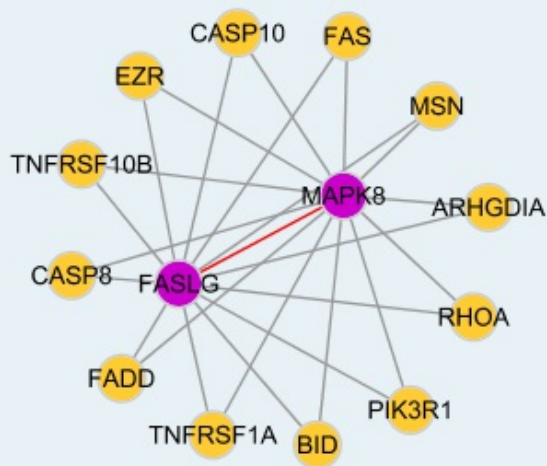
Gene Information

Entrez GeneID: [5599](#)**GeneBank
Accession#:** [NM_002750.1](#)**Protein
Accession#:** [NP_002741.1](#)**Gene Name:** MAPK8**Gene Alias:** JNK,JNK1,JNK1A2,JNK21B1/2,PRKM8,SAPK1**Gene
Description:** mitogen-activated protein kinase 8**Omim ID:** [601158](#)**Gene Ontology:** [Hyperlink](#)

Gene Summary: The protein encoded by this gene 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 induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

**Other
Designations:** JNK1 alpha protein kinase,JNK1 beta protein kinase,JUN N-terminal kinase,OTTHUMP00000019552,OTTHUMP00000019555,OTTHUMP000019556,OTTHUMP00000019558,c-Jun N-terminal kinase 1,mitogen-activated protein kinase 8 isoform JNK1 alpha1,mitogen-activated protein

Interactome



Gene Pathway

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[Fc epsilon RI signaling pathway](#)
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