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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAPK10 monoclonal antibody (M01), clone 4E12-1F7

Catalog # : H00005602-M01

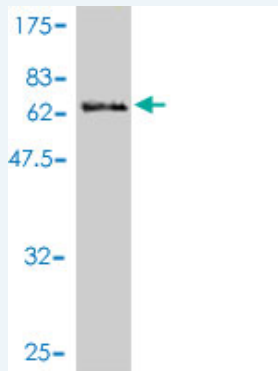
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant MAPK10.
Immunogen:	MAPK10 (AAH65516.1, 1 a.a. ~ 319 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MELMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIV VKSDCTLKILDFGLARTAGTSFMMTPYVVTRYRAPEVILGMGYKENVDI WSVGCIMGEMVRHKILFPGRDYIDQWNKVEIQLGTPCFEFMKKLQPTVR NYVENRPKYAGLTFPKLFPDSLFPADSEHNKLGASQARDLLSKMLVIDPA KRISVDDALQHPYINWYDPAEVEAPPPQIYDKQLDEREHTIEEWKELIYK EVMNSEEKTKNGVVKGQPSPSGAAVNSSSESLPPSSSVNDISSMSTDQTL ASDTSSLEASAGPLGCCR
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (60.83 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 (Recombinant protein)

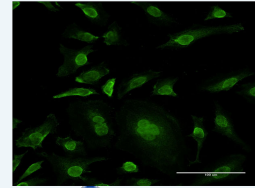
[Protocol Download](#)

Immunofluorescence

Application Image

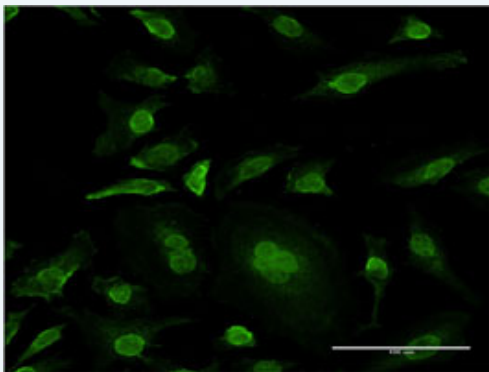
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

ELISA



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to MAPK10 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5602](#)

**GeneBank
Accession#:** [BC065516](#)

**Protein
Accession#:** [AAH65516.1](#)

Gene Name: MAPK10

Gene Alias: FLJ12099,FLJ33785,JNK3,JNK3A,MGC50974,PRKM10,p493F12,p54bS
APK

**Gene
Description:** mitogen-activated protein kinase 10

Omim ID: [602897](#), [606369](#)

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 protein is a neuronal-specific form of c-Jun N-terminal kinases (JNKs). Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways during neuronal apoptosis. Beta-arrestin 2, a receptor-regulated MAP kinase scaffold protein, is found to interact with, and stimulate the phosphorylation of this kinase by MAP kinase kinase 4 (MKK4). Cyclin-dependent kinase 5 can phosphorylate, and inhibit the activity of this kinase, which may be important in preventing neuronal apoptosis. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

**Other
Designations:** JNK3 alpha protein kinase,MAP
kinase,OTTHUMP00000161180,OTTHUMP00000161182,OTTHUMP000
00161183,c-Jun N-terminal kinase 3,c-Jun kinase 3,stress activated
protein kinase JNK3,stress activated protein kinase beta

Gene Pathway

[Adipocytokine signaling pathway Colorectal cancer](#)
[Epithelial cell signaling in Helicobacter pylori infection](#) [ErbB signaling pathway](#)
[Fc epsilon RI signaling pathway](#) [Focal adhesion](#) [GnRH signaling pathway](#)
[Insulin signaling pathway](#) [MAPK signaling pathway](#) [Neurotrophin signaling pathway](#)
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