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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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MAP3K5 monoclonal antibody (M02), clone 1E3

Catalog # : H00004217-M02

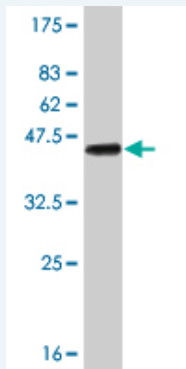
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant MAP3K5.
Immunogen:	MAP3K5 (AAH54503, 1231 a.a. ~ 1374 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SHDSQSAHRSLNVQLGRMKIETNRLLLEELVRKEKELQALLHRAIEEKDQEI KHLKLSQPIEIPVLFHLSNNGTNTEDSELTDLRVNGADEDTISRFLA EDYTLDDVLYVTRDDLKCLRLRGGMLCTLWKAIDFRNKQT
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (41.58 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](#)

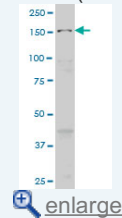
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

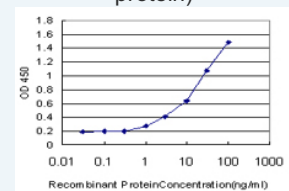
Application Image

Western Blot (Cell lysate)

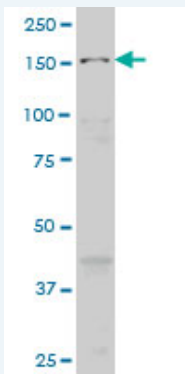


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



ELISA



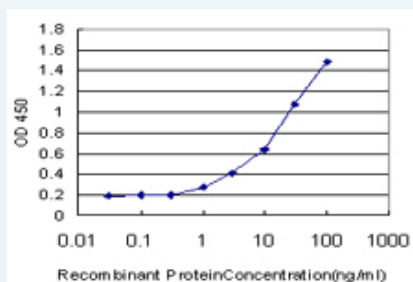
MAP3K5 monoclonal antibody (M02), clone 1E3 Western Blot analysis of MAP3K5 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MAP3K5 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4217](#)

GeneBank [BC054503](#)

Accession#:

Protein [AAH54503](#)

Accession#:

Gene Name: MAP3K5

Gene Alias: ASK1,MAPK5,MEK5

Gene Description: mitogen-activated protein kinase kinase kinase 5

Description:

Omim ID: [602448](#)

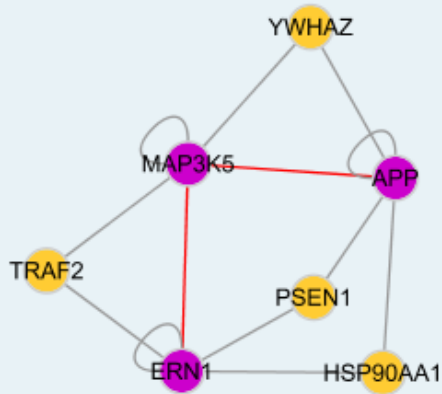
Gene Ontology: [Hyperlink](#)

Gene Summary: Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MAPKKK5 contains 1,374 amino acids with all 11 kinase subdomains. Northern blot analysis shows that MAPKKK5 transcript is abundantly expressed in human heart and

pancreas. The MAPKKK5 protein phosphorylates and activates MKK4 (aliases SERK1, MAPKK4) in vitro, and activates c-Jun N-terminal kinase (JNK)/stress-activated protein kinase (SAPK) during transient expression in COS and 293 cells; MAPKKK5 does not activate MAPK/ERK. [provided by RefSeq]

Other MAP/ERK kinase kinase 5,MAPK/ERK kinase kinase
Designations: 5,OTTHUMP00000017275,apoptosis signal regulating kinase

Interactome



Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#) [MAPK signaling pathway](#)
[Neurotrophin signaling pathway](#)

Related Disease

[Asthma](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Hypersensitivity, Immediate](#) [Inflammation](#)
[Insulin Resistance](#) [Lymphoma, Non-Hodgkin](#) [Tobacco Use Disorder](#)

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