



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## MAP2K7 monoclonal antibody (M01), clone 4E8

Catalog # : H00005609-M01

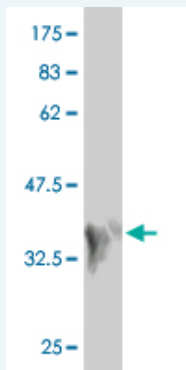
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant MAP2K7.
<b>Immunogen:</b>	MAP2K7 (NP_660186, 1 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MAASSLEQKLSRLEAKLKQENREARRRIDLNLDISPQRPRPTLQLPLAND GGSRSPSESSPQHPTPPARPRHMLGLPSTLFTPRSMESIEIDQKLQEI
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 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](#)

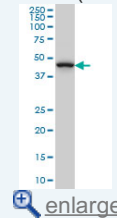
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

### Application Image

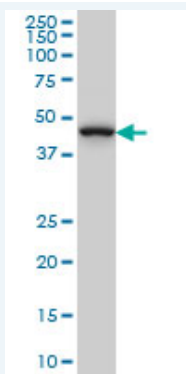
Western Blot (Cell lysate)



[enlarge](#)

Western Blot (Recombinant protein)

ELISA



MAP2K7 monoclonal antibody (M01), clone 4E8 Western Blot analysis of MAP2K7 expression in HeLa S3 NE ( Cat # L013V3 ).

 [Protocol Download](#)

#### Western Blot (Recombinant protein)

 [Protocol Download](#)

#### ELISA

#### Gene Information

**Entrez GeneID:** [5609](#)

**GeneBank** [NM\\_145185](#)

**Accession#:**

**Protein** [NP\\_660186](#)

**Accession#:**

**Gene Name:** MAP2K7

**Gene Alias:** Jnk2,MAPKK7,MKK7,PRKMK7

**Gene** mitogen-activated protein kinase kinase 7

**Description:**

**Omim ID:** [603014](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2,MAP3K3/MEKK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found, but only one transcript variant has been supported and defined. [provided by RefSeq]

**Other Designations:** JNK kinase 2,JNK-activating kinase 2,MAP kinase kinase 7,OTTHUMP00000174397,c-Jun N-terminal kinase kinase 2,dual specificity mitogen-activated protein kinase kinase 7

#### Gene Pathway

[ErbB signaling pathway](#) [Fc epsilon RI signaling pathway](#) [GnRH signaling pathway](#) [MAPK signaling pathway](#) [Neurotrophin signaling pathway](#) [T cell receptor signaling pathway](#) [Toll-like receptor signaling pathway](#)

