



# 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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[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## MAPK12 monoclonal antibody (M04), clone 2C1

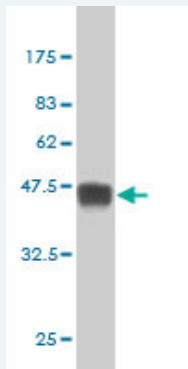
Catalog # : H00006300-M04

規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant MAPK12.
<b>Immunogen:</b>	MAPK12 (AAH15741, 251 a.a. ~ 367 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	QRLQSDEAKNYMKGLPELEKKDFASILTNASPLAVNLEKMLVLDAEQRV TAGEALAHYPYFESLHDTEDPQVQKYDDSFDDVDRTLDEWKRVTYKEV LSFKPPRQLGARVSKETPL
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 kappa
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.61 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](#)

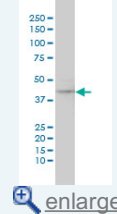
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

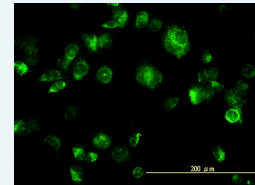
### Application Image

Western Blot (Cell lysate)

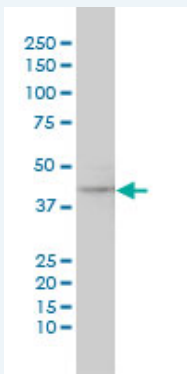


Western Blot (Recombinant protein)

Immunofluorescence



ELISA



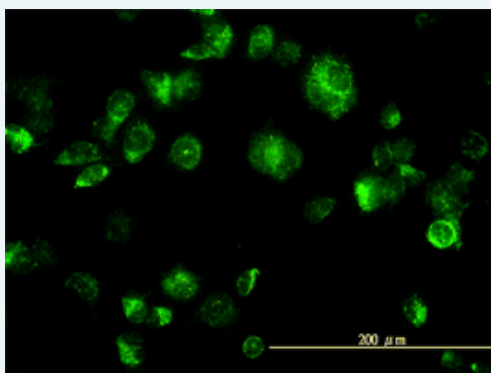
MAPK12 monoclonal antibody (M04), clone 2C1 Western Blot analysis of MAPK12 expression in HeLa ( Cat # L013V1 ).

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

#### Immunofluorescence



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to MAPK12 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

#### ELISA

#### Gene Information

Entrez GeneID: [6300](#)

GeneBank [BC015741](#)  
Accession#:

Protein [AAH15741](#)  
Accession#:

Gene Name: MAPK12

Gene Alias: ERK3,ERK6,P38GAMMA,PRKM12,SAPK-3,SAPK3

Gene Description: mitogen-activated protein kinase 12

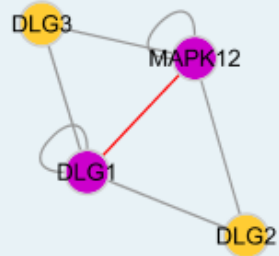
Omim ID: [602399](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kinases. The protein encoded by this gene functions as a signal transducer during differentiation of myoblasts to myotubes. [provided by RefSeq]

**Other** mitogen-activated protein kinase 3, stress-activated protein kinase 3  
**Designations:**

### Interactome



### Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#) [Epithelial cell signaling in Helicobacter pylori infection](#)  
[Fc epsilon RI signaling pathway](#) [GnRH signaling pathway](#)  
[Leukocyte transendothelial migration](#) [MAPK signaling pathway](#)  
[Neurotrophin signaling pathway](#) [T cell receptor signaling pathway](#)  
[Toll-like receptor signaling pathway](#) [VEGF signaling pathway](#)

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