



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

## MAPK13 monoclonal antibody (M05), clone 2B2

Catalog # : H00005603-M05

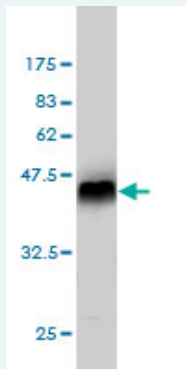
規格 : [ 100 ug ]

[List All](#)

### Specification

|                             |   |
|-----------------------------|---|
| <b>Product Description:</b> | Mouse monoclonal antibody raised against a partial recombinant MAPK13.  |
| <b>Immunogen:</b>           | MAPK13 (AAH00433, 251 a.a. ~ 365 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.        |
| <b>Sequence:</b>            | NDKAAKSYIQSLPQTPRKDFLQLFPRASPQAADLLEKMLELDVDRRLTA<br>AQALHPFFPEFRDPEEETEAQQPFDDSLEHEKLTVDEWKQHIYKEVNF<br>SPIARKDSRRRSGMKL |
| <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 (38.28 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

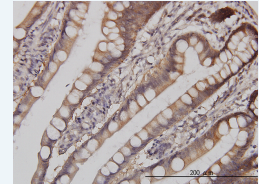
Western Blot (Cell lysate)



[enlarge](#)

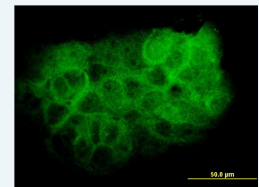
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



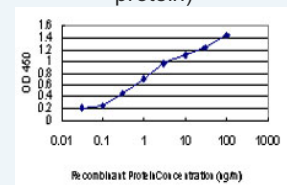
[enlarge](#)

Immunofluorescence



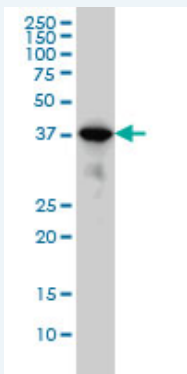
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



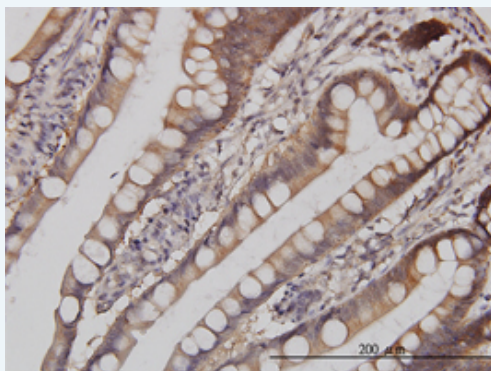
MAPK13 monoclonal antibody (M05), clone 2B2 Western Blot analysis of MAPK13 expression in A-431 ( Cat # L015V1 ).

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

#### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

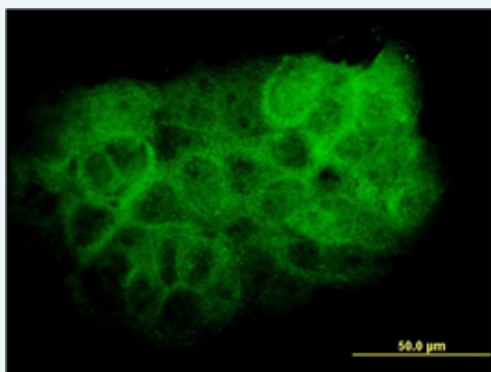


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to MAPK13 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 1 ug/ml]

[Protocol Download](#)

#### Immunofluorescence

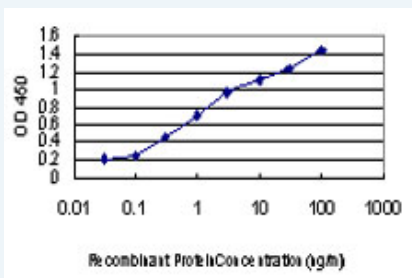


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to MAPK13 on A-431 cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MAPK13 is approximately 0.03ng/ml as a capture antibody.

**ELISA**

**Gene Information**

**Entrez GeneID:** [5603](#)

**GeneBank Accession#:** [BC000433](#)

**Protein Accession#:** [AAH00433](#)

**Gene Name:** MAPK13

**Gene Alias:** MGC99536,PRKM13,SAPK4,p38delta

**Gene Description:** mitogen-activated protein kinase 13

**Omim ID:** [602899](#)

**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 closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and cellular stress. MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Transcription factor ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase. [provided by RefSeq]

**Other Designations:** OTTHUMP00000016282,mitogen-activated protein kinase p38 delta,stress-activated protein kinase 4

**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](#)

**Related Disease**

[Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [HIV Infections](#)