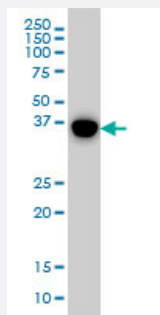


# MAPK13 monoclonal antibody (M03), clone 1E11

Catalog # H00005603-M03

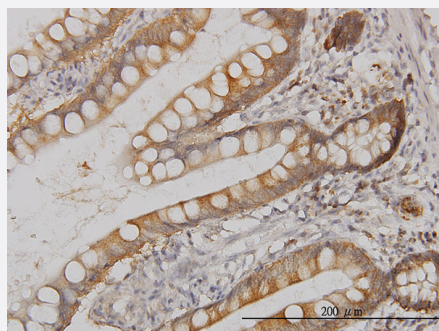
Size 100 ug

## Applications



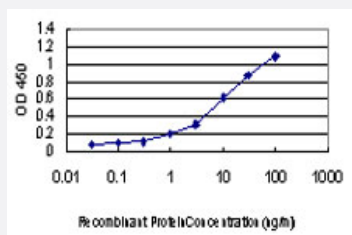
### Western Blot (Cell lysate)

MAPK13 monoclonal antibody (M03), clone 1E11 Western Blot analysis of MAPK13 expression in A-549 ( Cat # L025V1 ).



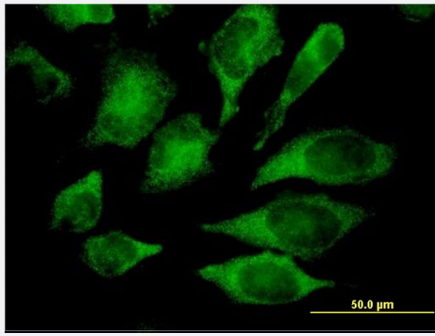
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



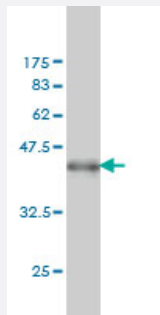
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAPK13 is approximately 0.3ng/ml as a capture antibody.



## Immunofluorescence

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



Western Blot detection against Immunogen (38.28 KDa) .

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MAPK13.
Immunogen	MAPK13 (AAH00433, 251 a.a. ~ 365 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NDKAAKSYQSLPQTTPRKDFTQLFPRASPQAADLLEKMLELDVDRRLTAAQALTHPFFEPFRDPE EETEAQQPFDDSL EHEKLTVD EWKQHIYKEIVNFSP IARKDSRRRSGMKL
Host	Mouse
Reactivity	Human
Isotype	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.

## Applications

- Western Blot (Cell lysate)

MAPK13 monoclonal antibody (M03), clone 1E11 Western Blot analysis of MAPK13 expression in A-549 ( Cat # L025V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAPK13 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

## Gene Info — MAPK13

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

## 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](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)