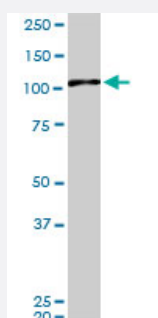


# MAPK6 monoclonal antibody (M02), clone 4C11

Catalog # H00005597-M02

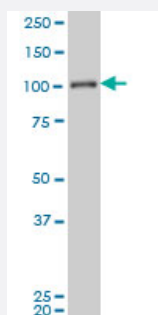
Size 50 ug

## Applications



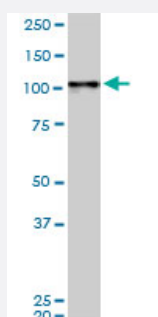
### Western Blot (Cell lysate)

MAPK6 monoclonal antibody (M02), clone 4C11. Western Blot analysis of MAPK6 expression in PC-12 (Cat # L012V1 ).



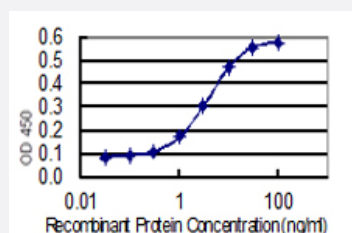
### Western Blot (Cell lysate)

MAPK6 monoclonal antibody (M02), clone 4C11 Western Blot analysis of MAPK6 expression in Jurkat ( Cat # L017V1 ).



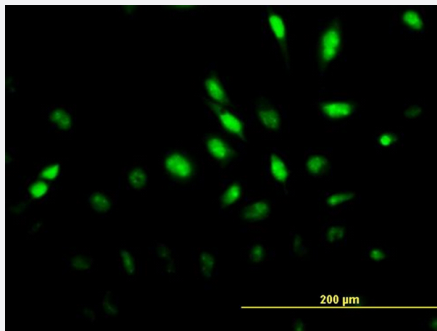
### Western Blot (Cell lysate)

MAPK6 monoclonal antibody (M02), clone 4C11. Western Blot analysis of MAPK6 expression in Raw 264.7 (Cat # L024V1 ).



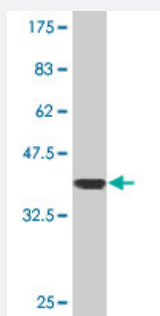
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAPK6 is 0.3 ng/ml as a capture antibody.



## Immunofluorescence

Immunofluorescence of monoclonal antibody to MAPK6 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant MAPK6.
<b>Immunogen</b>	MAPK6 (AAH35492, 612 a.a. ~ 721 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	EVRKDEQVEKENTYTSYLDKFFSRKEDTEMLETEPVEDGKLGERGHEEGFLNNSGEFLFNKQLE SIGIPQFHSPVGSPLKSIQATLTSPAMKSSPQIPHQTYSSILKHLN
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Interspecies Antigen Sequence</b>	Mouse (86); Rat (85)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

MAPK6 monoclonal antibody (M02), clone 4C11. Western Blot analysis of MAPK6 expression in PC-12(Cat # L012V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

MAPK6 monoclonal antibody (M02), clone 4C11 Western Blot analysis of MAPK6 expression in Jurkat ( Cat # L017V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

MAPK6 monoclonal antibody (M02), clone 4C11. Western Blot analysis of MAPK6 expression in Raw 264.7(Cat # L024V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAPK6 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MAPK6 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — MAPK6

Entrez GeneID	<a href="#">5597</a>
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GeneBank Accession#	<a href="#">BC035492</a>
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Protein Accession#	<a href="#">AAH35492</a>
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Gene Name	MAPK6
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Gene Alias	DKFZp686F03189, ERK3, HsT17250, PRKM6, p97MAPK
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Gene Description	mitogen-activated protein kinase 6
Omim ID	<a href="#">602904</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters. [provided by RefSeq]
Other Designations	MAP kinase isoform p97 extracellular signal-regulated kinase 3 extracellular signal-regulated kinase, p97 protein kinase, mitogen-activated 5 protein kinase, mitogen-activated 6

## Publication Reference

- [Phosphorylation of steroid receptor coactivator-3 \(SRC-3\) at serine 857 is regulated by the p38 MAPK-MK2 axis and affects NF-κB-mediated transcription.](#)

Anup Shrestha, Henrike Bruckmueller, Hanne Kildalsen, Gurjit Kaur, Matthias Gaestel, Hilde Ljones Wetting, Ingvild Mikkola, Ole-Morten Seternes.

Scientific Reports 2020 Jul; 10(1):11388.

Application: WB, Human, H1299 cells

## Pathway

- [MAPK signaling pathway](#)