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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

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

MAP2K7 monoclonal antibody (M07), clone 2C12

Catalog # : H00005609-M07

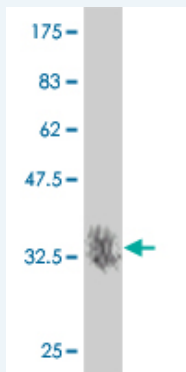
規格 : [100 ug]

List All

Specification

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

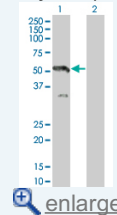
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

Application Image

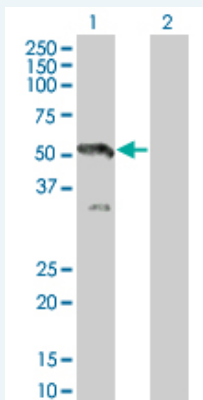
Western Blot (Transfected lysate)



[enlarge](#)


Western Blot (Recombinant protein)

ELISA



Western Blot analysis of MAP2K7 expression in transfected 293T cell line by MAP2K7 monoclonal antibody (M07), clone 2C12.

Lane 1: MAP2K7 transfected lysate(47.485 KDa).
Lane 2: Non-transfected lysate.

 [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: Jnkk2,MAPKK7,MKK7,PRKMK7

Gene Description: mitogen-activated protein kinase kinase 7

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 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](#)

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