



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

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MAK monoclonal antibody (M02), clone 4E9

Catalog # : H00004117-M02

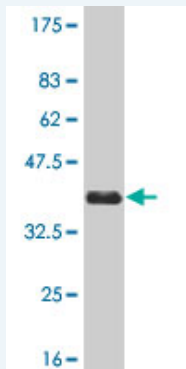
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant MAK.
Immunogen:	MAK (AAH39825, 358 a.a. ~ 457 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PPKQQSQEKPPQTLFPSIVKNMPTKPNGTLSHKSGRRRWGQTIFKSGD SWELEDYDFGASHKKPSMGVFKERKKDSPFRQQVKMAVISLSAHQ FPTL
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.41 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](#)

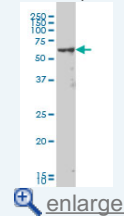
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

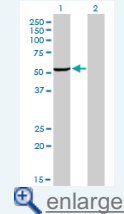
Application Image

Western Blot (Cell lysate)



[enlarge](#)

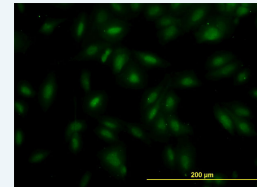
Western Blot (Transfected lysate)



[enlarge](#)

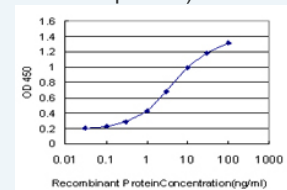
Western Blot (Recombinant protein)

Immunofluorescence



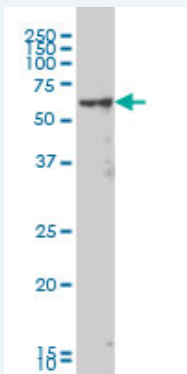
[enlarge](#)

Sandwich ELISA (Recombinant protein)




[enlarge](#)

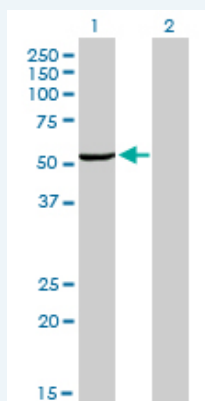
ELISA



MAK monoclonal antibody (M02), clone 4E9 Western Blot analysis of MAK expression in HeLa S3 NE (Cat # L013V3).

 [Protocol Download](#)

Western Blot (Transfected lysate)




Western Blot analysis of MAK expression in transfected 293T cell line by MAK monoclonal antibody (M02), clone 4E9.

Lane 1: MAK transfected lysate(52.6 KDa).

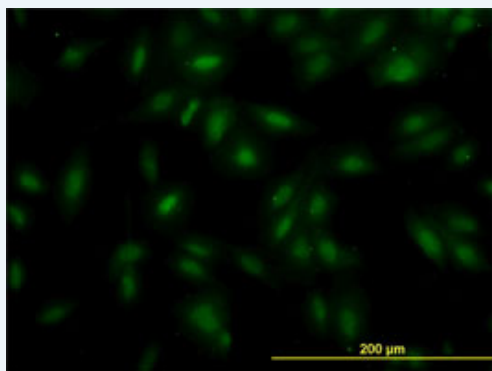
Lane 2: Non-transfected lysate.


 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunofluorescence

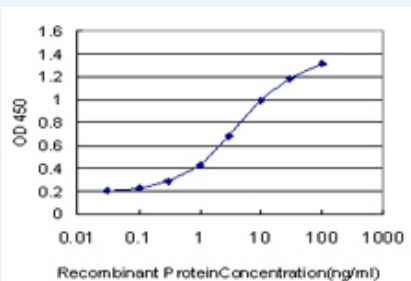


 [enlarge this image](#)


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

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



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

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4117](#)

GeneBank [BC039825](#)

Accession#:

Protein [AAH39825](#)

Accession#:

Gene Name: MAK

Gene Alias: dJ417M14.2

Gene Description: male germ cell-associated kinase

Omim ID: [154235](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The product of this gene is a serine/threonine protein kinase related to kinases involved in cell cycle regulation. It is expressed almost exclusively in the testis, primarily in germ cells. Studies of the mouse and rat homologs have localized the kinase to the chromosomes during meiosis in spermatogenesis, specifically to the synaptonemal complex that exists while homologous chromosomes are paired. There is, however, a study of the mouse homolog that has identified high levels of expression in developing sensory epithelia so its function may be more generalized. [provided by RefSeq]

Other Designations: OTTHUMP00000016025,serine/threonine protein kinase MAK