



# 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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## MARCKS monoclonal antibody (M06), clone 2C2

Catalog # : H00004082-M06

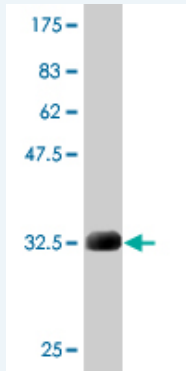
規格 : [ 50 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant MARCKS.
<b>Immunogen:</b>	MARCKS (NP_002347, 2 a.a. ~ 65 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	GAQFSKTAAKGEAAAERPGEAAVASSPSKANGQENGHVKVNGDASPAA AESGAKEELQANGSAP
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human, Mouse
<b>Isotype:</b>	IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



**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](#)

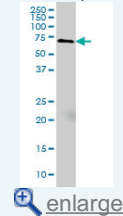
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

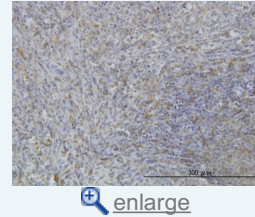
### Application Image

Western Blot (Cell lysate)

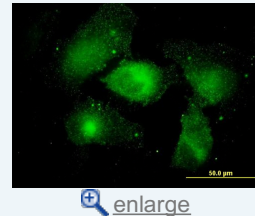


Western Blot (Recombinant protein)

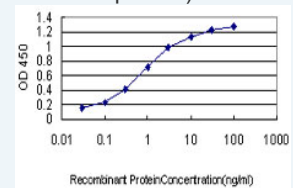
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



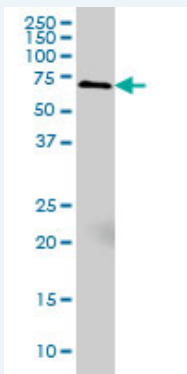
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



MARCKS monoclonal antibody (M06), clone 2C2. Western Blot analysis of MARCKS expression in Raw 264.7. (The predicted M.W. of MARCKS is 29 to 39 KDa, but it seems the actual M.W. *in vivo* is between 68 to 90 KDa in different species.

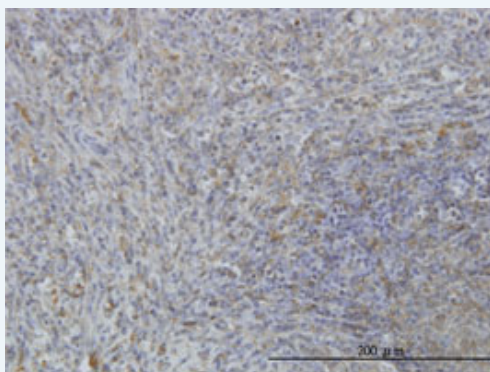
<http://www.pnas.org/content/88/6/2505.full.pdf> ,  
<http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=177061>)


 [Protocol Download](#)

### Western Blot (Recombinant protein)


 [Protocol Download](#)

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

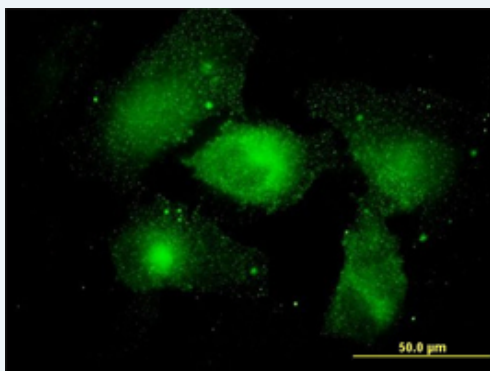


 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to MARCKS on formalin-fixed paraffin-embedded human spleen. [antibody concentration 3 ug/ml]


 [Protocol Download](#)

### Immunofluorescence

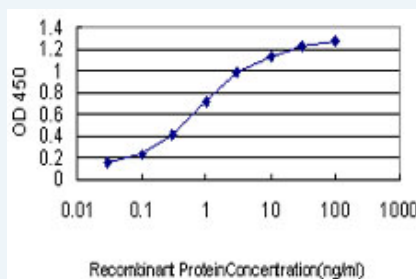


 [enlarge this image](#)

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

 [Protocol Download](#)

### Sandwich ELISA (Recombinant protein)



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

 [Protocol Download](#)

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## ELISA

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### Gene Information

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**Entrez GeneID:** [4082](#)

**GeneBank  
Accession#:** [NM\\_002356](#)

**Protein  
Accession#:** [NP\\_002347](#)

**Gene Name:** MARCKS

**Gene Alias:** 80K-L,FLJ14368,FLJ90045,MACS,PKCSL,PRKCSL

**Gene  
Description:** myristoylated alanine-rich protein kinase C substrate

**Omim ID:** [177061](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, leading to its presence in the cytoplasm. The protein is thought to be involved in cell motility, phagocytosis, membrane trafficking and mitogenesis. [provided by RefSeq]

**Other  
Designations:** OTTHUMP00000017045,myristoylated alanine-rich protein kinase C substrate (MARCKS, 80K-L),phosphomyristin

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### Gene Pathway

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[Fc gamma R-mediated phagocytosis](#)

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