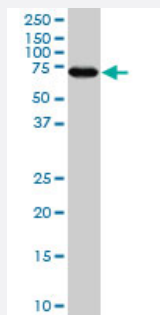


# MARCKS monoclonal antibody (M04), clone 2H4

Catalog # H00004082-M04

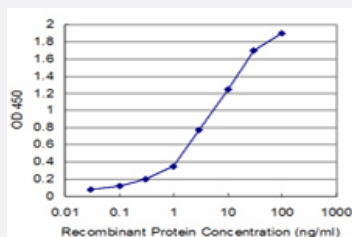
Size 100 ug

## Applications



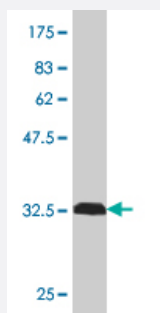
### Western Blot (Cell lysate)

MARCKS monoclonal antibody (M04), clone 2H4. Western Blot analysis of MARCKS expression in Raw 264.7 ( Cat # L024V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MARCKS is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (32.78 KDa) .

## Specification

### Product Description

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>	GAQFSKTAAKGEAAAERPGEAAVASSPSKANGQENGHVKVNGDASPAAAESGAKEELQANGSAP
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.78 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)

MARCKS monoclonal antibody (M04), clone 2H4. Western Blot analysis of MARCKS 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 MARCKS is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — MARCKS

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

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

Protein Accession#	<a href="#">NP_002347</a>
Gene Name	MARCKS
Gene Alias	80K-L, FLJ14368, FLJ90045, MACS, PKCSL, PRKCSL
Gene Description	myristoylated alanine-rich protein kinase C substrate
Omim ID	<a href="#">177061</a>
Gene Ontology	<a href="#">Hyperlink</a>
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

## Pathway

- [Fc gamma R-mediated phagocytosis](#)