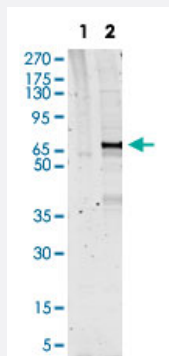


# MARCKS (phospho S167/S170) monoclonal antibody, clone C9

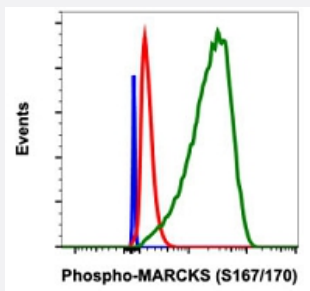
Catalog # MAB21666      Size 200 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of NIH3T3 cell lysate with MARCKS (phospho S167/S170) monoclonal antibody, clone C9 (Cat # MAB21666). Lane 1: untreated or Lane 2: treated with TPA.



### Flow Cytometry

Flow cytometric analysis of C6 cells with MARCKS (phospho S167/S170) monoclonal antibody, clone C9 (Cat # MAB21666). Secondary antibody only negative control (blue) or treated with staurosporine (red) or with UV+TPA (green).

## Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human MARCKS.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S167/S170 of human MARCKS.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification

Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.1% BSA and 0.02% sodium azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of NIH3T3 cell lysate with MARCKS (phospho S167/S170) monoclonal antibody, clone C9 (Cat # MAB21666). Lane 1: untreated or Lane 2: treated with TPA.

- Flow Cytometry

Flow cytometric analysis of C6 cells with MARCKS (phospho S167/S170) monoclonal antibody, clone C9 (Cat # MAB21666). Secondary antibody only negative control (blue) or treated with staurosporine (red) or with UV+TPA (green).

## Gene Info — MARCKS

Entrez GeneID	<a href="#">4082</a>
Protein Accession#	<a href="#">P29966</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](#)