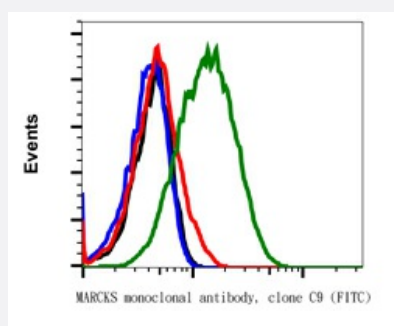


# MARCKS (phospho S167/170) monoclonal antibody, clone C9 (FITC)

Catalog # MAB23379      Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of C6 cells with MARCKS (phospho Ser167/170) monoclonal antibody, clone C9 (FITC)(Cat # MAB23379). Treated with staurosporine (red) or treated with UV+TPA (green).

## Specification

|                            |   |
|----------------------------|---|
| <b>Product Description</b> | Rabbit monoclonal antibody raised against synthetic phosphopeptide of human MARCKS.                       |
| <b>Immunogen</b>           | A synthetic phospho-peptide corresponding to residues surrounding Ser167/170 of human phospho MARCKS      |
| <b>Host</b>                | Rabbit  |
| <b>Reactivity</b>          | Human   |
| <b>Form</b>                | Liquid  |
| <b>Conjugation</b>         | FITC  |
| <b>Isotype</b>             | IgG1, kappa   |
| <b>Recommend Usage</b>     | Flow Cytometry (5 uL/million cells)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS (0.09% NaN <sub>3</sub> , 0.2% BSA)  |
| <b>Storage Instruction</b> | Store at 4°C. Do not freeze.  |

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

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## Gene Info — MARCKS

Entrez GeneID [4082](#)

Protein Accession# [P29966](#)

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

## Pathway

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