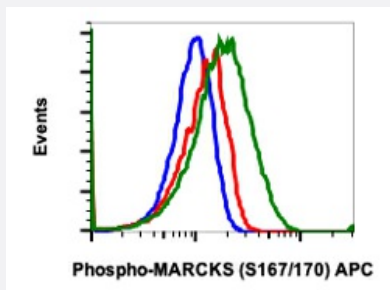


RecomAb™

# MARCKS recombinant monoclonal antibody, clone MARCKSS167170-C9 (APC)

Catalog # RAB03093      Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of C6 cells, isotype IgG-FITC stained staurosporine treated cells as negative control (blue) or treated with staurosporine (red) or with UV+TPA (green) and stained using Phospho-MARCKS (Ser167/170) antibody MARCKSS167170-C9 APC conjugate.

## Specification

|                     |  |
|---------------------|--|
| Product Description | Rabbit recombinant monoclonal antibody raised against human MARCKS.                                  |
| Antibody Species    | Rabbit   |
| Immunogen           | A synthetic phospho-peptide corresponding to residues surrounding Ser167/170 of human phospho MARCKS |
| Reactivity          | Human  |
| Form                | Liquid   |
| Conjugation         | APC  |
| Purification        | Protein A purification, Protein G purification   |
| Isotype             | IgG  |
| Recommend Usage     | Flow Cytometry<br>The optimal working dilution should be determined by the end user.                 |

|                     |  |
|---------------------|--|
| Storage Buffer      | In PBS (0.2% BSA, 0.09% Sodium azide)  |
| Storage Instruction | 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. |

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## 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](#)