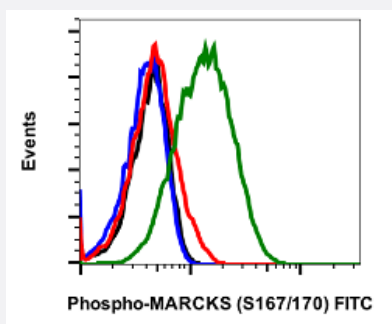


MARCKS (phospho S167/170) monoclonal antibody, clone C9 (FITC)

Catalog # MAB23559 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of C6 cells with MARCKS (phospho S167/170) monoclonal antibody, clone C9 (FITC) (Cat # MAB23559). Treated with staurosporine (red) or treated with UV+TPA (green). Concentration matched isotype control Cat #2143 for treated with staurosporine (black) or treated with UV TPA (blue).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human MARCKS.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S167/170 of human MARCKS.
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction

Store at 4°C.

Note

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

Applications

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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](#)