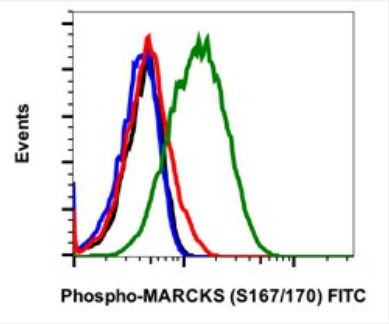
RecomAb™

MARCKS recombinant monoclonal antibody, clone MARCKSS167170-C9 (FITC)

Catalog # RAB03092 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of C6 cells treated with staurosporine (red) or treated with UV+TPA (green) using Phospho-MARCKS (Ser167/170) (C9) Rabbit mAb (FITC Conjugate) MARKSS167170-C9, or concentration-matched Rabbit (G9) mAb IgG Isotype Control (FITC Conjugate) for cells treated with staurosporine (black) or treated with UV TPA (blue).

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	FITC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry 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	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