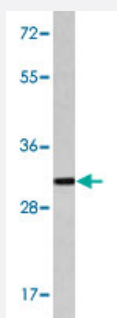


# MARCKS polyclonal antibody

Catalog # PAB4366

Size 400 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate (35 ug/lane) with MARCKS polyclonal antibody (Cat # PAB4366).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of MARCKS.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human MARCKS.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Recommend Usage</b>	ELISA (1:1000) Western Blot (1:50-100) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 HeLa cell lysate (35 ug/lane) with MARCKS polyclonal antibody (Cat # PAB4366).

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MARCKS

**Entrez GeneID** [4082](#)

**Protein Accession#** [MACS\\_HUMAN](#)

**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

## Publication Reference

- [The MARCKS family of protein kinase-C substrates.](#)

Aderem A.

Biochemical Society Transactions 1995 Aug; 23(3):587.

Application: IF, WB-Ce, WB-Tr, Human, Rat, Macrophages, PC-12 cells

- [Subregional mapping of 8 single copy loci to chromosome 6 by fluorescence in situ hybridization.](#)

Rao PH, Murty VV, Gaidano G, Hauptschein R, Dalla-Favera R, Chaganti RS.

Cytogenetics and Cell Genetics 1994 Jan; 66(4):272.

## Pathway

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