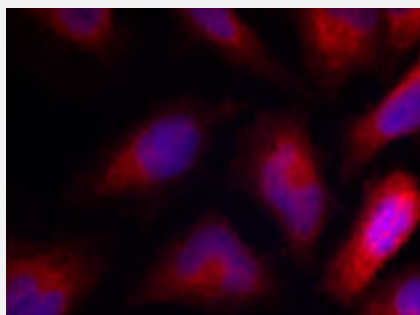


MARCKS (phospho S162) polyclonal antibody

Catalog # PAB25851 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using MARCKS (phospho S162) polyclonal antibody (Cat # PAB25851, red).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of MARCKS.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S162 of human MARCKS.
Sequence	K-K-Sp-F-K
Host	Rabbit
Theoretical MW (kDa)	80
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using MARCKS (phospho S162) polyclonal antibody (Cat # PAB25851, red).

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](#)