

MARCKS Polyclonal Antibody

Catalog No: YT2647

Reactivity: Human; Mouse; Rat

Applications: WB;IF;ELISA

Target: MARCKS

Fields: >>Fc gamma R-mediated phagocytosis;>>MicroRNAs in cancer

Gene Name: MARCKS

Protein Name: Myristoylated alanine-rich C-kinase substrate

P29966

P26645

Human Gene ld: 4082

Human Swiss Prot

No:

Mouse Gene Id: 17118

Mouse Swiss Prot

No:

Rat Swiss Prot No: P30009

Immunogen: The antiserum was produced against synthesized peptide derived from human

MARCKS. AA range:126-175

Specificity: MARCKS Polyclonal Antibody detects endogenous levels of MARCKS protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other

applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 31kD

Cell Pathway: Fc gamma R-mediated phagocytosis;

Background: 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, Jul 2008],

Function: function:MARCKS is the most prominent cellular substrate for protein kinase C.

> This protein binds calmodulin, actin, and synapsin. MARCKS is a filamentous (F) actin cross-linking protein., PTM: Phosphorylation by PKC displaces MARCKS

from the membrane. It also inhibits the F-actin cross-linking

activity., similarity: Belongs to the MARCKS family.,

Subcellular Location:

Cytoplasm, cytoskeleton . Membrane ; Lipid-anchor .

Expression: Blood, Brain, Epithelium, Muscle, Skin,

hot Tag:

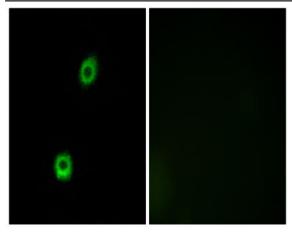
Sort: 9390

No4:

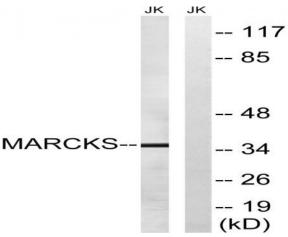
Host: Rabbit

Modifications: Unmodified

Products Images



Immunofluorescence analysis of A549 cells, using MARCKS Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using MARCKS Antibody. The lane on the right is blocked with the synthesized peptide.