Best Tools for immunology Research

MARCKS (Phospho Ser167/170) rabbit pAb

Catalog No :	YP1393
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	MARCKS
Fields :	>>Fc gamma R-mediated phagocytosis;>>MicroRNAs in cancer
Gene Name :	MARCKS MACS PRKCSL
Protein Name :	MARCKS (Ser167/170)
Human Gene Id :	4082
Human Swiss Prot No :	P29966
Mouse Gene Id :	17118
Mouse Swiss Prot No :	P26645
Rat Swiss Prot No :	P30009
Immunogen :	Synthesized phosho peptide around human MARCKS (Ser167 and 170)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat MARCKS (phospho-Ser167 or 170)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

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Concentration : 1 mg/ml

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

Observed Band : 32kD

Cell Pathway : Fc gamma R-mediated phagocytosis;

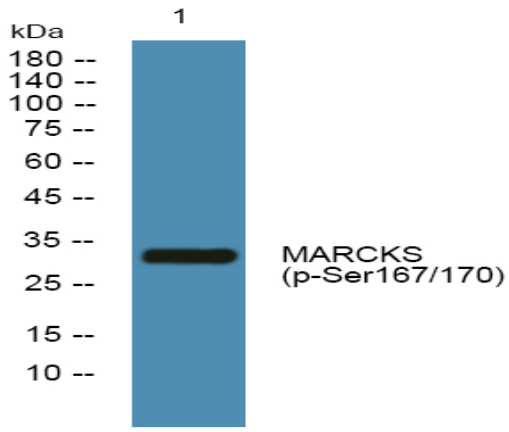
Background : The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, 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,

Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night