



MARCKS (phospho-Ser167/170) rabbit pAb

Catalog No	YP-Ab-03633
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MARCKS MACS PRKCSL
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
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MACS;80K-L;PKCSL;PRKCSL;MARCKS;MARCKS MACS PRKCSL;MARCKS (Ser167/170);Myristoylated alanine-rich C-kinase substrate (MARCKS) (Protein kinase C substrate;80 kDa protein;light chain) (80K-L protein) (PKCSL)
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Cytoplasm, cytoskeleton . Membrane ; Lipid-anchor .
Tissue Specificity	Blood,Brain,Epithelium,Muscle,Skin,
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.,
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],

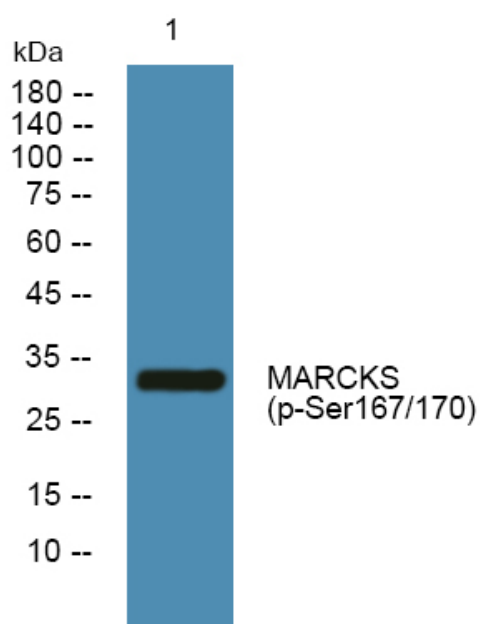
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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