



# MARCKS (phospho-Ser159/163) mouse mAb

Catalog No	BYmab-03632
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MARCKS MACS PRKCSL
Protein Name	MARCKS (Ser159/163)
Immunogen	Synthesized phosho peptide around human MARCKS (Ser159 and 163)
Specificity	This antibody detects endogenous levels of Human Mouse Rat MARCKS (phospho-Ser159 or 163)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Myristoylated alanine-rich C-kinase substrate (MARCKS) (Protein kinase C substrate, 80 kDa protein, light chain) (80K-L protein) (PKCSL)
Observed Band	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,

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membrane trafficking and mitogenesis. [provided by RefSeq, Jul 2008],

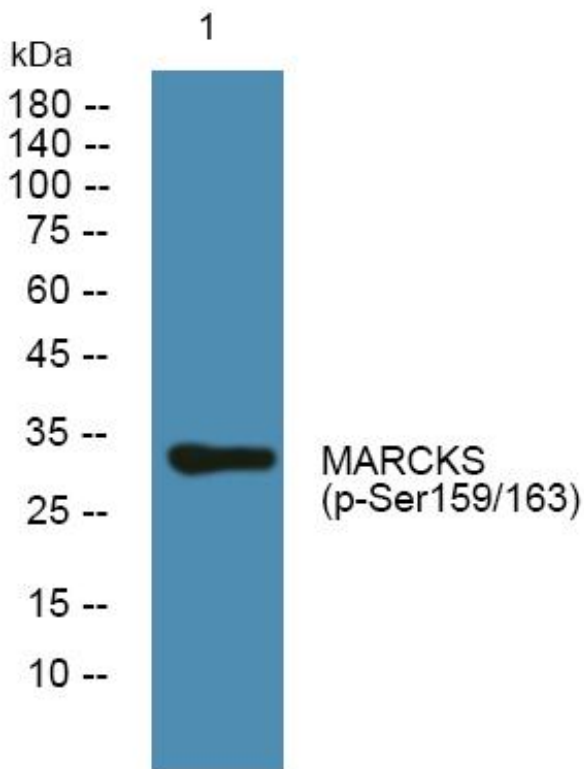
**matters needing attention**

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 various cells using MARCKS (phospho-Ser159/163) mouse mAb

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