



MARCKS Rabbit mAb

Catalog No	YP-rAb-18519
Isotype	IgG
Reactivity	Human
Applications	WB,IHC,IF,ELISA
Gene Name	MARCKS
Protein Name	Myristoylated alanine-rich C-kinase substrate
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	MARCKS ; MACS ; PRKCSL ; Myristoylated alanine-rich C-kinase substrate ; MARCKS ; Protein kinase C substrate ; 80 kDa protein, light chain ; 80K-L protein ; PKCSL
Observed Band	80kD
Calculated Molecular Weight	31kD
Cell Pathway	Cytoplasm, cytoskeleton . Membrane ; Lipid-anchor .
Tissue Specificity	Blood,Brain,Epithelium,Muscle,Skin,
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,





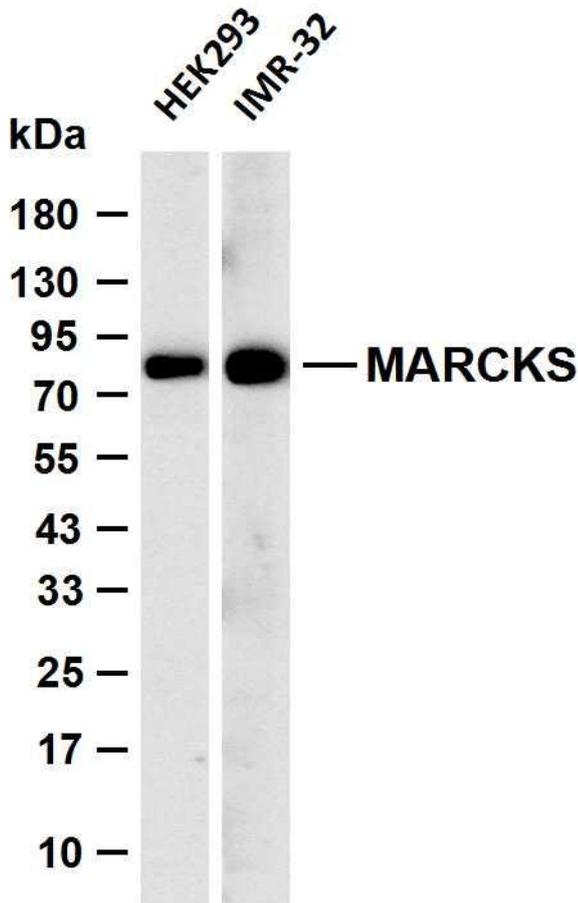
membrane trafficking and mitogenesis. [provided by RefSeq, Jul 2008],

matters needing attention

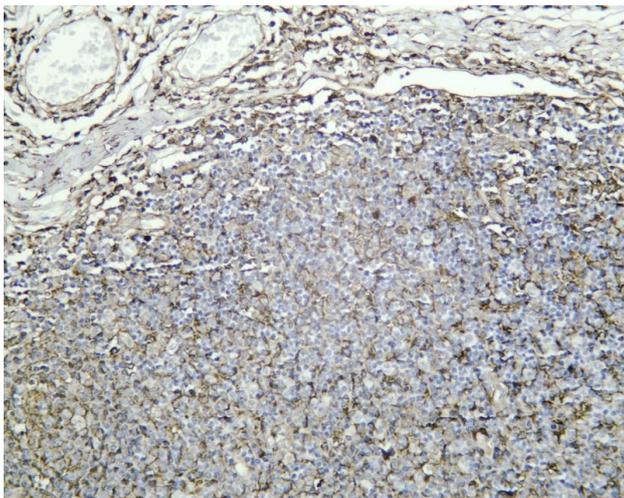
Avoid repeated freezing and thawing!

Usage suggestions

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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MARCKS antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HEK293 Lane 2: IMR-32 Predicted band size: 31kDa Observed band size: 80kDa



Human tonsil was stained with anti-MARCKS Rabbit antibody

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