ELK Biotechnology

MARCKS rabbit pAb

Cat No.:ES6151

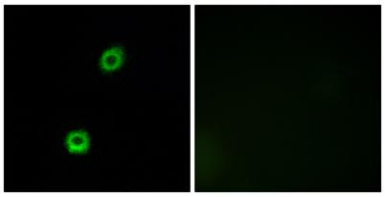
For research use only

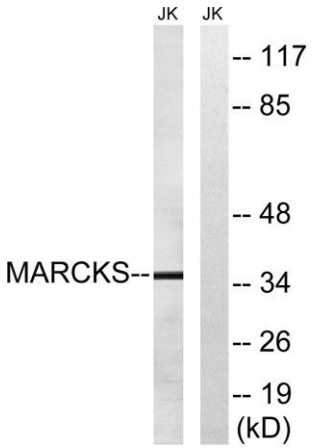
Overview

Product Name	MARCKS rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Myristoylated alanine-rich C-kinase substrate
Gene Name	MARCKS
Cellular localization	Cytoplasm, cytoskeleton . Membrane ; Lipid-anchor .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	31kD
Human Gene ID	4082
Human Swiss-Prot Number	P29966
Alternative Names	MARCKS; MACS; PRKCSL; Myristoylated alanine-rich C-kinase substrate; MARCKS; Protein kinase C substrate; 80 kDa protein, light chain; 80K-L protein; PKCSL
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],

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.

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