

## ARG11113 anti-MARCKS antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Chicken Polyclonal antibody recognizes MARCKS
Tested Reactivity	Hu, Mk
Tested Application	ICC/IF, WB
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Target Name	MARCKS
Species	Human
Immunogen	Recombinant full-length Human MARCKS.
Conjugation	Un-conjugated
Alternate Names	MACS; 80K-L; Myristoylated alanine-rich C-kinase substrate; PKCSL; Protein kinase C substrate, 80 kDa protein, light chain; 80K-L protein; MARCKS; PRKCSL

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:500 - 1:1000
	WB	1:5000 - 1:10000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

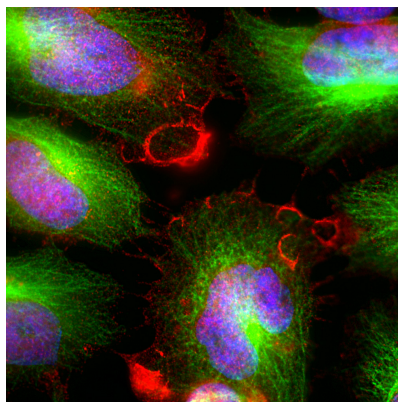
Form	Liquid
Buffer	PBS and 5 mM Sodium azide.
Preservative	5 mM Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	MARCKS
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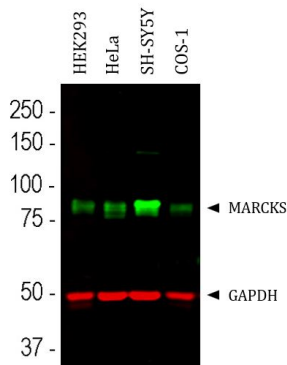
Gene Full Name	myristoylated alanine-rich protein kinase C substrate
Background	The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin 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	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. [UniProt]
Calculated Mw	32 kDa
PTM	Phosphorylation by PKC displaces MARCKS from the membrane. It also inhibits the F-actin cross-linking activity. [UniProt]
Cellular Localization	Cytoplasm, cytoskeleton. Membrane; Lipid-anchor. [UniProt]

## Images



ARG11113 anti-MARCKS antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG11113 anti-MARCKS antibody (red) at 1:5000 dilution, and co-stained with anti-beta Tubulin antibody (green) at 1:10000 dilution. Hoechst (blue) for nuclear staining.



ARG11113 anti-MARCKS antibody WB image

Western blot: HEK293, HeLa, SH-SY5Y and COS-1 cell lysates stained with ARG11113 anti-MARCKS antibody (green) at 1:1000 dilution. The same blot was simultaneously stained with anti-GAPDH antibody (red) at 1:5000 dilution.