

## Anti-MARCKS antibody

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<b>Description</b>	Rabbit polyclonal to MARCKS.
<b>Model</b>	STJ94012
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IF, WB
<b>Immunogen</b>	Synthesized peptide derived from human MARCKS around the non-phosphorylation site of S158.
<b>Immunogen Region</b>	100-180 aa
<b>Gene ID</b>	<a href="#">4082</a>
<b>Gene Symbol</b>	<a href="#">MARCKS</a>
<b>Dilution range</b>	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:20000
<b>Specificity</b>	MARCKS Polyclonal Antibody detects endogenous levels of MARCKS protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Myristoylated alanine-rich C-kinase substrate MARCKS Protein kinase C substrate, 80 kDa protein, light chain 80K-L protein PKCSL
<b>Molecular Weight</b>	31 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/RefSeq/condensed/67590MIM:177061">HGNC:67590MIM:177061</a>
<b>Alternative Names</b>	Myristoylated alanine-rich C-kinase substrate MARCKS Protein kinase C substrate, 80 kDa protein, light chain 80K-L protein PKCSL
<b>Function</b>	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.
<b>Cellular Localization</b>	Cytoplasm, cytoskeleton Membrane
<b>Post-translational Modifications</b>	Phosphorylation by PKC displaces MARCKS from the membrane. It also inhibits the F-actin cross-linking activity.

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**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580  
**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>  
**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)