



Rabbit polyclonal antibody to Myristoylated alanine rich C kinase substrate (MARCKS): Whole serum

Catalogue No.:	R-1380-50
Description:	Myristoylated alanine-rich C-kinase substrate (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. Ref: SWISSPROT.
Batch No.:	See product label
Unit size:	50 uL
Antigen:	Recombinant full length MARCKS expressed and purified from E. coli
Antibody Type:	Antiserum
Other Names:	Myristoylated alanine-rich C-kinase substrate; MARCKS; Protein kinase C substrate 80 kDa protein; Marcks; Macs;
Accession:	P30009 MARCS_RAT;
Produced in:	Rabbit
Applications:	Western Blotting (WB) and Immunocytochemistry (IC). A dilution of 1:10,000 - 20,000 is recommended for WB. A dilution of 1:500-1,000 is recommended for IC. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB.
Antibody Against:	Myristoylated alanine rich C kinase substrate (MARCKS)
Cross-reactivity:	Rat. Predicted to react with other mammals due to sequence homology.
Form:	Lyophilised
Appearance:	White powder
Reconstitution:	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution of lyophilised antibody, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

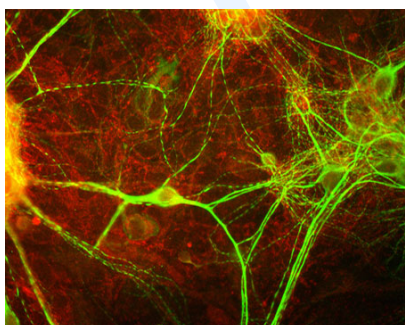


Image of mixed neuron/glial cultures stained with Rabbit polyclonal antibody to Myristoylated alanine rich C kinase substrate (MARCKS) R-1380-50 (red) and Chicken polyclonal antibody to MAP2 C-1382-50. Note that the MARCKS antibody stains vesicular structures both in the glial cells and in the dendrites of the neurons, which are strongly stained with the MAP2 antibody.

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