

## Anti-MARCKS (Ser152,156) Antibody

Our Anti-MARCKS (Ser152,156) rabbit polyclonal phosphospecific primary antibody from PhosphoSolution Catalog # AN1440

## **Product Information**

Application WB
Primary Accession P30009
Host Rabbit
Clonality Polyclonal
Isotype IgG
Calculated MW 29795

## **Additional Information**

Other Names 80 kDa protein antibody, 80K L antibody, 80K L protein antibody, 80K-L

protein antibody, 80KL antibody, 81 kDa protein, light chain antibody, light chain antibody, MACS antibody, MARCKS antibody, MARCS antibody, MARCS\_HUMAN antibody, MGC52672 antibody, myristoylated alanine rich C kinase substrate antibody, Myristoylated alanine rich protein kinase C substrate (MARCKS, 80K L) antibody, Myristoylated alanine rich protein kinase C substrate antibody, Myristoylated alanine-rich C-kinase substrate antibody, Phosphomyristin antibody, PKCSL antibody, PRKCSL antibody, protein kinase

C substrate 80 kDa protein light chain antibody, Protein kinase C substrate

antibody

**Target/Specificity** Myristoylated Alanine-Rich C Kinase Substrate (MARCKS) is a major substrate

for phosphorylation by protein kinase C (PKC) (Ouimet et al., 1990). The phosphorylation of Ser-152/156 can be used as a measure of PKC activation although these sites are also phosphorylated by PRK1 (Palmer et al., 1996) MARCKS is a member of a family of calmodulin binding proteins and phosphorylation of Ser-152/156 modulates the binding of MARCKS to

calmodulin (Verghese et al., 1994)

**Dilution** WB~~1:1000

Format Antigen Affinity Purified from Pooled Serum

**Storage** Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** Anti-MARCKS (Ser152,156) Antibody is for research use only and not for use in

diagnostic or therapeutic procedures.

**Shipping** Blue Ice

## **Background**

Myristoylated Alanine-Rich C Kinase Substrate (MARCKS) is a major substrate for phosphorylation by protein kinase C (PKC) (Ouimet et al., 1990). The phosphorylation of Ser-152/156 can be used as a measure of PKC activation although these sites are also phosphorylated by PRK1 (Palmer et al., 1996) MARCKS is a member of a family of calmodulin binding proteins and phosphorylation of Ser-152/156 modulates the binding of MARCKS to calmodulin (Verghese et al., 1994)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.