

**Anti-MARCKS (Ser152,156) Antibody**

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

**Specification**

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**Anti-MARCKS (Ser152,156) Antibody - Product Information**

Primary Accession	<a href="#">P30009</a>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>29795</b>

**Anti-MARCKS (Ser152,156) Antibody - 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)

**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**

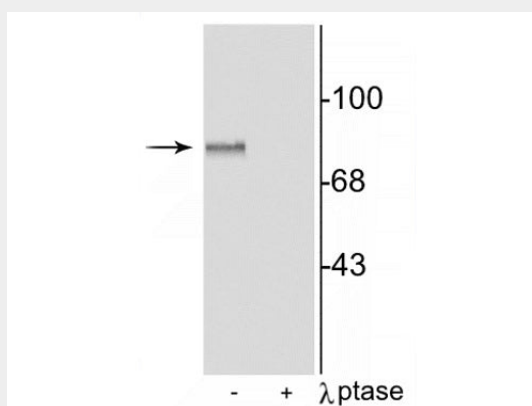
Blue Ice

**Anti-MARCKS (Ser152,156) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Anti-MARCKS (Ser152,156) Antibody - Images**



Western blot of rat brain lysate showing specific immunolabeling of the ~87 kDa MARCKS protein phosphorylated at Ser152,156, in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by blot treatment with lambda phosphatase ( $\lambda$ -Ptase, 1200 units for 30 min).

#### **Anti-MARCKS (Ser152,156) Antibody - Background**

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