

Anti-MARCKS (Ser152,156) Antibody

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

Specification

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

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

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

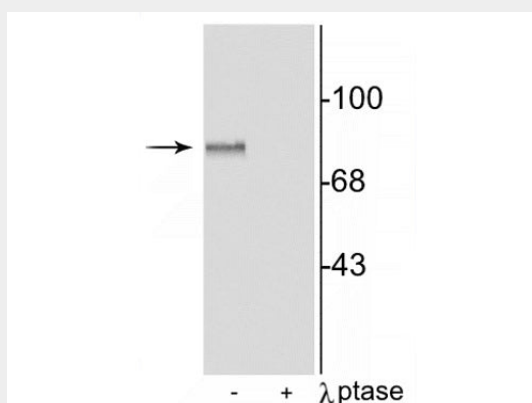
Blue Ice

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 (λ -Ptase, 1200 units for 30 min).

Anti-MARCKS (Ser152,156) Antibody - 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)