

Phospho-MARCKS Polyclonal Antibody

CATALOG #: 3650-100

AMOUNT: 100 μ l

LOT #: _____

FORMULATION:

100 μ l affinity purified rabbit anti-phospho-MARCKS polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

SPECIES REACTIVITY: human, mouse, rat

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

BACKGROUND:

MARCKS (Myristoylated alanine-rich protein kinase C substrate) is a major PKC substrate that is distributed in various cell types. MARCKS has been implicated in cell motility, cell adhesion, phagocytosis, membrane traffic and mitogenesis. PKC phosphorylates Ser152, 156 and 163 of MARCKS, which regulates MARCKS's calcium/calmodulin binding activity and filamentous (F)-actin cross-linking activity. In addition, phosphorylation by PKC results in translocation of MARCKS from membrane to cytoplasm.

SPECIFICITY:

The antibody detects 80 kDa MARCKS only when phosphorylated at Ser152/156.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (1:200-1000). However, the optimal conditions should be determined individually. Other applications have not been determined.

NOTE: For research use only! Not to be used in humans.

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- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- Beta-Secretase Activity Assay Kit

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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- Cloning Insert Quick Screening Kit
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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
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