

## Phospho-MARCKS-S162

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IF

**Recommended Dilution:** WB 1:500 - 1:2000 IF 1:100 - 1:200

**Calculated MW:** 80kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S162 of human MARCKS

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MACS; 80K-L; PKCSL; PRKCSL;

**Catalog #:** AP0403

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4082

**Isotype:** IgG

**Swiss Prot:** P29966

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, leading to its presence in the cytoplasm. The protein is thought to be involved in cell motility, phagocytosis, membrane trafficking and mitogenesis.

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