

# MARCKS(Phospho Ser158) Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP11115

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MARCKS around the

phosphorylation site of Ser158. AA range:126-175

Mol wt 31555

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Myristoylated alanine-rich C-kinase substrate

Synonyms Myristoylated alanine-rich C-kinase substrate; MARCKS; MACS; PRKCSL; Myristoylated alanine-rich C-

kinase substrate; MARCKS; Protein kinase C substrate; 80 kDa protein, light chain; 80K-L protein; PKCSL

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

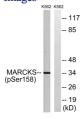
The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, leading to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

### Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 20000

Not yet tested in other applications.

# Images



Western blot analysis of lysates from K562 cells treated with EGF 200ng/ml 30', using MARCKS (Phospho-Ser158) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year