

<b>Product name:</b>	Phospho-MARCKS-S170
<b>Cat number:</b>	ABP-0404
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	Poly
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A phospho specific peptide corresponding to residues surrounding S170 of human MARCKS.
<b>Reactivity:</b>	Hu
<b>Applications:</b>	Western Blot: 1:1000 Immunohisotchemistry: 1:50-1:100
<b>Molecular Weight:</b>	80kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	liquid
<b>Buffer:</b>	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Background:</b>	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.

