

## Anti-Phospho-MARCKS (Ser163) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 31 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

Application:	ELISA,IF,IHC-P
Recommended	IHC-P: 1:100-300; ELISA: 1:10000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human MARCKS around the phosphorylation site of Ser163. AA range:136-185
Antigen Species:	Human
Uniprot ID:	P29966
Synonyms:	p-MARCKS (S163);p-MARCKS (Ser163);MARCKS (p-S163);MARCKS (p-Ser163)

### Research Background

myristoylated alanine rich protein kinase C substrate(MARCKS) Homo sapiens 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. [provided by RefSeq, Jul 2008],

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