

Product datasheet for **AP12245PU-N**

MARCKS (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 247~276 amino acids from the C-terminal region of human MARCKS
Specificity:	This antibody is specific to Human MARCKS (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	myristoylated alanine rich protein kinase C substrate
Database Link:	Entrez Gene 4082 Human P29966



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Background:

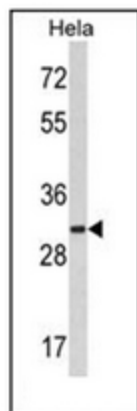
MARCKS is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, leading to its presence in the cytoplasm.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

Synonyms:

Myristoylated alanine-rich C-kinase substrate, MACS, PRKCSL

Note:

Predicted Molecular weight: 31413 Da

Product images:

Western blot analysis of MARCKS Antibody (C-term) in HeLa cell line lysates (35ug/lane). MARCKS (arrow) was detected using the purified Pab.