

Product datasheet for **AP09479PU-S**

MARCKS pSer162 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	Immunofluorescence: 1/100~1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human MARCKS around the phosphorylation site of serine 162 (K-K-S _p -F-K).
Specificity:	Antibody AP09479PU detects endogenous levels of MARCKS only when phosphorylated at Serine 162.
Formulation:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. 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 17118 Mouse Entrez Gene 25603 Rat Entrez Gene 4082 Human P29966
Background:	MARCKS, (Myristoylated Alanine-Rich C Kinase Substrate), is a member of a family of calmodulin binding proteins and is a major substrate for phosphorylation by protein kinase C (PKC). The phosphorylation of Ser152/156 can be used as a measure of PKC activation. Phosphorylation of Ser152/156 modulates the binding of MARCKS to calmodulin.



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

Protein Families: Druggable Genome

Protein Pathways: Fc gamma R-mediated phagocytosis

Product images:

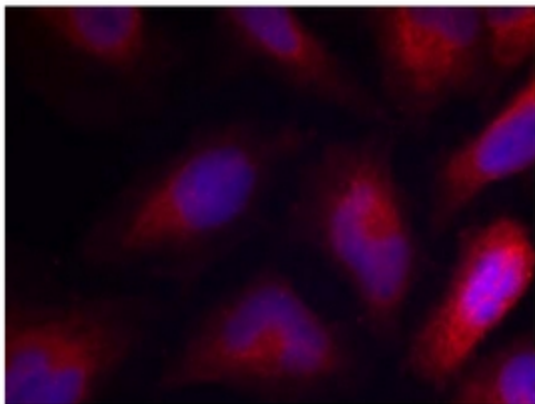


Figure 1. Immunofluorescence staining of methanol-fixed HeLa cells using MARCKS pSer162 Antibody (Red).