

Product datasheet for **AP02779PU-S**

MARCKS Rabbit Polyclonal Antibody

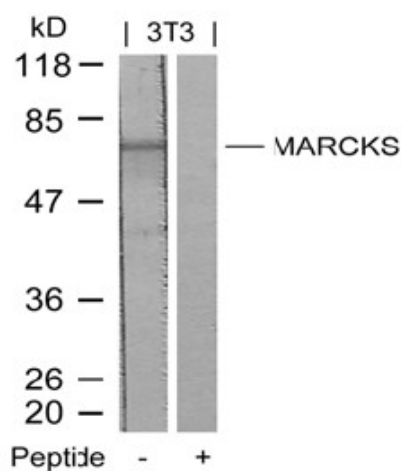
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	Western blot: 1/500 - 1/1000. Immunofluorescence: 1/100 - 1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human MARCKS around the phosphorylation site of serine 158 (R-F-S _p -F-K).
Specificity:	This antibody detects endogenous levels of total MARCKS protein.
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 immunogen.
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 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.
Synonyms:	Myristoylated alanine-rich C-kinase substrate, MACS, PRKCSL

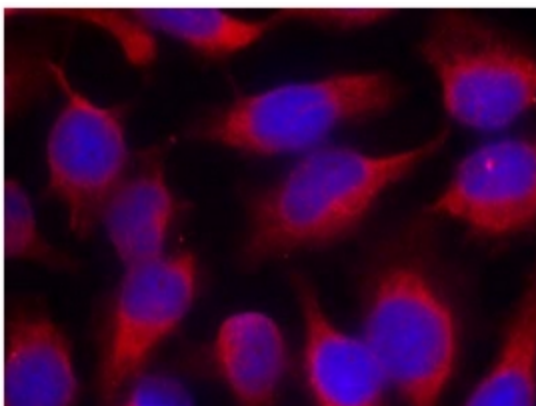


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Product images:



Western Blot analysis of extracts from 3T3 cells using MARCKS antibody and the same antibody preincubated with blocking peptide



Immunofluorescence staining of methanol-fixed HeLa cells using MARCKS antibody (Red).