

Rabbit Anti-MARCKS Polyclonal Antibody

CPB-793RH Rabbit(MARCKS)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-MARCKS Polyclonal Antibody
Antigen Description	MARCKS is the most prominent cellular substrate for protein kinase C. This protein binds calmodulin, actin, and synapsin. MARCKS is a filamentous (F) actin cross-linking protein.
specificity	The antibody detects endogenous level of MARCKS only when phosphorylated at serine 162.
Target	MARCKS
Immunogen	Peptide sequence around phosphorylation site of serine 162 (K-K-S(p)-F-K) derived from Human MARCKS.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	IFA

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/ 1year

ANTIGEN GENE INFORMATION

Gene Name	MARCKS myristoylated alanine-rich protein kinase C substrate [Homo sapiens]
Official Symbol	MARCKS
Synonyms	MARCKS; myristoylated alanine-rich protein kinase C substrate; MACS, myristoylated alanine rich protein kinase C substrate (MARCKS, 80K L); myristoylated alanine-rich C-kinase substrate; 80K L; PKCSL; phosphomyristin; protein kinase C substrate, 80 kDa protein, light chain; myristoylated alanine -rich protein kinase C substrate (MARCKS, 80K-L); MACS; 80K-L; PRKCSL; FLJ14368; FLJ90045;
GeneID	4082
mRNA Refseq	NM_002356
Protein Refseq	NP_002347
MIM	177061
UniProt ID	P29966
Chromosome Location	6q21

Pathway Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Integration of energy metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Regulation of Insulin Secretion, organism-specific biosystem; Regulation of Insulin Secretion by Acetylcholine, organism-specific biosystem;

Function actin filament binding; calmodulin binding; protein kinase C binding;