



# Human MARCKS blocking peptide (CDBP0254)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-ABAD/HADH2 antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MARCKS myristoylated alanine-rich protein kinase C substrate [ Homo sapiens ]</a>
<b>Official Symbol</b>	MARCKS
<b>Synonyms</b>	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;

Entrez Gene ID	<a href="#">4082</a>
mRNA Refseq	<a href="#">NM_002356</a>
Protein Refseq	<a href="#">NP_002347</a>
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;