

For Research Use Only

Phospho-Marcks Polyclonal antibody



Catalog Number: 10018-3-AP

5 Publications

Basic Information

Catalog Number: 10018-3-AP	GenBank Accession Number: BC046601	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 392 µg/ml by Nanodrop and 392 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 17118	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: myristoylated alanine rich protein kinase C substrate	
Isotype: IgG	Calculated MW: 32 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : Mouse J774 Macrophage cellss-treated with PMA, HeLa cells, Mouse J774 Macrophage cells
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: bovine, human, rat	

Background Information

MARCKS is a member of MARCKS family of PKC substrate and it is also a widely accepted indicator of PKC activation. It shows a ubiquitous tissue distribution. The calculated molecular weight of MARCKS is 39 kDa and its apparent molecular weights were found at 68 kDa to 90 kDa in different species. This protein is a known to regulated cytoskeleton remodeling and membrane recycling. This antibody is raised against phospho-Marcks with S152/S163 phosphorylated and phospho-Marcksl1 (geneID:17357) with S93/S104 phosphorylated.

Notable Publications

Author	Pubmed ID	Journal	Application
Fiala Milan M	19440461	Open Virol J	WB
Peng Y-J YJ	19369559	J Neurosci	WB
Jin Benjamin Y BY	22927426	Proc Natl Acad Sci U S A	WB

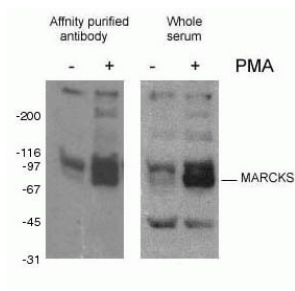
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

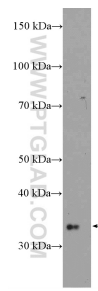
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Selected Validation Data



WB result of phospho-Marcks antibody (10018-3-AP, 1:1500) with Mouse J774 Macrophage cells-treated with PMA.



HeLa cells were subjected to SDS PAGE followed by western blot with 10018-3-AP (Marcks Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.