

MARCKS Antibody (F48081)

Catalog No.	Formulation	Size
F48081-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48081-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P29966
Applications	Western Blot : 1:1000
Limitations	This MARCKS antibody is available for research use only.

72
55
36
28
17

Western blot analysis of MARCKS antibody and HeLa lysate. Predicted molecular weight ~32 kDa.

Description

MARCKS 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.

Application Notes

Titration of the MARCKS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 241-271 from the human protein was used as the immunogen for this MARCKS antibody.

Storage

Aliquot the MARCKS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.