abcam

ab184546

Anti-MARCKS like protein antibody [EPR15353] - C-terminal

Recombinant | RabMAb | 20ul selling size

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR15353
Purification technique	Affinity purification Protein A
Concentration	0.734 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Human
Dilution info	1/10000 - 1/50000
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/250
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/140
Notes	ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/100
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Target data

See full target information MARCKSL1

Function	Controls cell movement by regulating actin cytoskeleton homeostasis and filopodium and lamellipodium formation (PubMed:22751924). When unphosphorylated, induces cell migration (By similarity). When phosphorylated by MAPK8, induces actin bundles formation and stabilization, thereby reducing actin plasticity, hence restricting cell movement, including neuronal migration (By similarity). May be involved in coupling the protein kinase C and calmodulin signal transduction systems (By similarity).

Storage

Shipped at conditions	Conditional Ambient
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

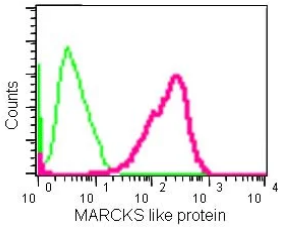
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

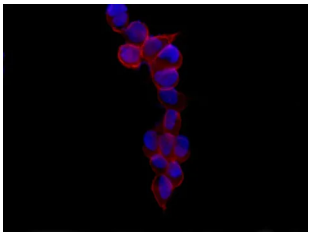
5 product images



Flow Cytometry (Intracellular) - Anti-MARCKS like protein antibody [EPR15353] - C-terminal (ab184546)

MARCKS like protein Flow Cytometry (Intracellular) staining using rabbit Anti-MARCKS like protein antibody

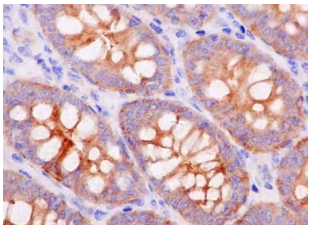
Intracellular flow cytometric analysis of SH-SY5Y cells (2% paraformaldehyde-fixed) labeling MARCKS like proteinwith ab184546 at 1/140 dilution (red)or a rabbit IgG (negative) (green), followed by Goat anti rabbit IgG (FITC) secondary at 1/150 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-MARCKS like protein antibody [EPR15353] - C-terminal (ab184546)

MARCKS like protein Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-MARCKS like protein antibody

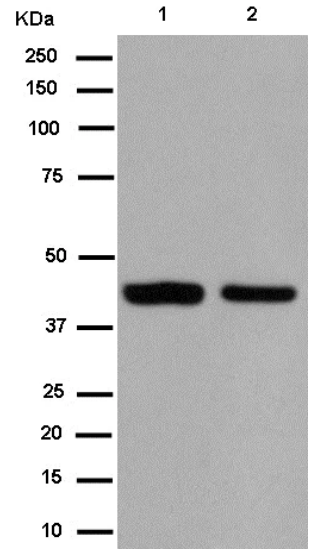
Immunofluorescent analysis of 293T cells (4% paraformaldehyde-fixed) labeling MARCKS like protein with ab184546 at 1/250 dilution (red) followed by Goat anti rabbit IgG (AlexaFluor® 555) secondary at 1/200 dilution and counter-stained with DAPI (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MARCKS like protein antibody [EPR15353] - C-terminal (ab184546)

MARCKS like protein Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-MARCKS like protein antibody

Immunohistochemical analysis of Paraffin-embedded Human colon tissue labeling MARCKS like protein with ab184546 at 1/100 dilution followed by pre-diluted HRP-conjugated secondary antibody and counter-stained with Hematoxylin.
Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Western blot - Anti-MARCKS like protein antibody [EPR15353] - C-terminal (ab184546)

MARCKS like protein Western blot staining using rabbit Anti-MARCKS like protein antibody

The protein has a calculated molecular weight of 20 kDa and an apparent molecular weight of 42-48 kDa due to anomalous migration on SDS gels or phosphorylation
All lanes:
Western blot - Anti-MARCKS like protein antibody [EPR15353] - C-terminal (ab184546) at 1/10000 dilution

Lane 1:
293T cell lysate at 20 µg

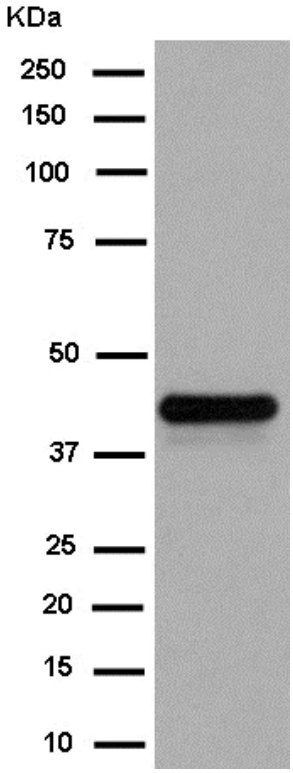
Lane 2:
SH-SY5Y cell lysate at 20 µg

Secondary

All lanes:

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 20 kDa



Western blot - Anti-MARCKS like protein antibody [EPR15353] - C-terminal (ab184546)

The protein has a calculated molecular weight of 20 kDa and an apparent molecular weight of 42-48 kDa due to anomalous migration on SDS gels or phosphorylation.
All lanes:
Western blot - Anti-MARCKS like protein antibody [EPR15353] - C-terminal (ab184546) at 1/50000 dilution

All lanes:
Human fetal brain tissue lysate at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 20 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.