

Product datasheet

Anti-MARCKS (phospho S162) antibody ab194804

2 Images

Overview

Product name	Anti-MARCKS (phospho S162) antibody
Description	Rabbit polyclonal to MARCKS (phospho S162)
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human MARCKS (phospho S162). A phospho specific peptide corresponding to residues surrounding S162 of Human MARCKS. Database link: P29966
Positive control	PMA-treated 293 cell extract; HeLa cells.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
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Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab194804** in the following tested applications.

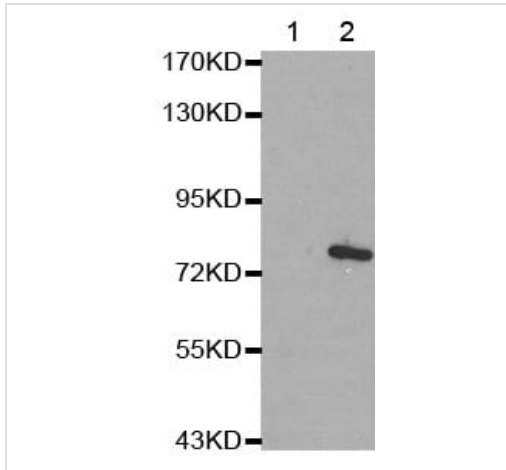
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 32 kDa.
ICC/IF		1/100 - 1/200.

Target

Function	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.
Sequence similarities	Belongs to the MARCKS family.
Post-translational modifications	Phosphorylation by PKC displaces MARCKS from the membrane. It also inhibits the F-actin cross-linking activity.
Cellular localization	Cytoplasm > cytoskeleton. Membrane.

Images



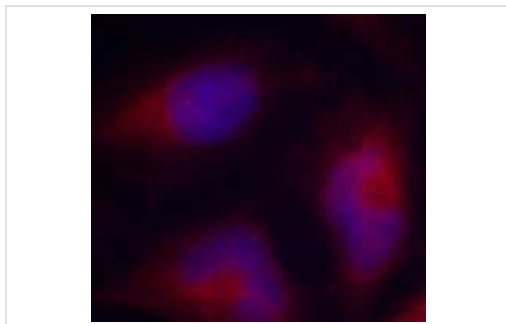
Western blot - Anti-MARCKS (phospho S162) antibody (ab194804)

All lanes : Anti-MARCKS (phospho S162) antibody (ab194804) at 1/500 dilution

Lane 1 : Untreated 293 cell extract

Lane 2 : PMA-treated 293 cell extract

Predicted band size: 32 kDa



Immunocytochemistry/ Immunofluorescence - Anti-MARCKS (phospho S162) antibody (ab194804)

Immunofluorescence analysis of methanol-fixed HeLa cells, labeling MARCKS (phospho S162) (red) with ab194804 at 1/100 dilution.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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