




## Product datasheet

# APC Anti-MARCKS (phospho S167 + S170) antibody [MARCKSS167170-C9] $\alpha$ b278786

Recombinant

2 Images

### Overview

<b>Product name</b>	APC Anti-MARCKS (phospho S167 + S170) antibody [MARCKSS167170-C9]
<b>Description</b>	APC Rabbit monoclonal [MARCKSS167170-C9] to MARCKS (phospho S167 + S170)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	APC. Ex: 645nm, Em: 660nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Rat <b>Predicted to work with:</b> Human 
<b>Immunogen</b>	Synthetic peptide within Human MARCKS (phospho S167 + S170). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><u>contact</u></b> our Scientific Support team to discuss your requirements. Database link: <b><u>P29966</u></b>  <b><u>Run BLAST with</u></b>  <b><u>Run BLAST with</u></b>
<b>Positive control</b>	Flow cyt: C6 cells treated with UV+TPA.
<b>General notes</b>	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 production For more information <b><u>see here</u></b> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: 99.71% PBS, 0.2% BSA
<b>Purity</b>	Protein A/G purified

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MARCKSS167170-C9
<b>Isotype</b>	IgG
<b>Light chain type</b>	kappa

## Applications

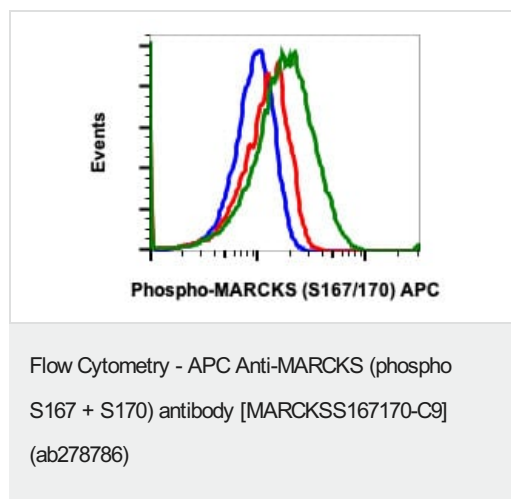
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab278786 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 5µl for 10 <sup>6</sup> cells.

## Target

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

## Images



Flow cytometric analysis of C6 cells, isotype IgG-FITC stained staurosporine treated cells as negative control (blue) or treated with staurosporine (red) or with UV+TPA (green) and stained using ab278786.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

APC Anti-MARCKS (phospho S167 + S170)  
antibody [MARCKSS167170-C9] (ab278786)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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