

## RHOC rabbit monoclonal antibody

Catalog # H00000389-K

Size 100 ug x up to 3

### Specification

Product Description	Rabbit monoclonal antibody raised against a human RHOC peptide using ARM Technology.
Immunogen	A synthetic peptide of human RHOC is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human RHOC peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — RHOC

Entrez GeneID	<a href="#">389</a>
GeneBank Accession#	<a href="#">RHOC</a>
Gene Name	RHOC
Gene Alias	ARH9, ARHC, H9, MGC1448, MGC61427, RHOH9
Gene Description	ras homolog gene family, member C
Omim ID	<a href="#">165380</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	OTTHUMP00000013675 OTTHUMP00000013676 OTTHUMP00000013802 OTTHUMP00000013805 OTTHUMP00000013807 OTTHUMP00000013809 RAS-related homolog 9 Rho-related GTP-binding protein RhoC oncogene RHO H9 rhoC GTPase small GTP binding protein RhoC

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