

## RHOC

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IF FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:200  
FC 1:20 - 1:50

**Calculated MW:**24 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human RHOC

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

H9; ARH9; ARHC; RHOH9;

**Catalog #:**A10741

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**389

**Isotype:**IgG

**Swiss Prot:**P08134

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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