

For Research Use Only

# CoraLite®594-conjugated RHOC Monoclonal antibody



Catalog Number: CL594-67542

## Basic Information

<b>Catalog Number:</b> CL594-67542	<b>GenBank Accession Number:</b> BC007245	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100UL, Concentration: 1000 µg/ml by 389 Nanodrop;	<b>GeneID (NCBI):</b> 389	<b>CloneNo.:</b> 1G1C1
<b>Source:</b> Mouse	<b>Full Name:</b> ras homolog gene family, member C	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 22 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm/614 nm
<b>Immunogen Catalog Number:</b> AG14633		

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

Ras homolog family member C (RHOC) encodes a Rho-related GTP-binding protein, which belongs to small GTPase superfamily and also Rho family. RHOC. Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Expression of RHOC contributes to metastatic phenotype of melanoma cells and is associated with multiple cancers including gastric carcinomas, ovarian carcinomas and breast cancer as well.

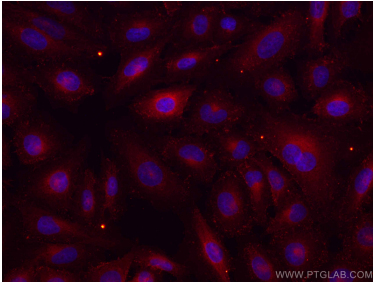
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®594 RHOC antibody (CL594-67542, Clone: 1G1C1) at dilution of 1:100.