

For Research Use Only

# CoraLite®594-conjugated RAB5A Monoclonal antibody



Catalog Number:CL594-66339

## Basic Information

<b>Catalog Number:</b> CL594-66339	<b>GenBank Accession Number:</b> BC001267	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5868	<b>CloneNo.:</b> 1B6A5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P20339	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG2b	<b>Full Name:</b> RAB5A, member RAS oncogene family	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG16781	<b>Calculated MW:</b> 215 aa, 24 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human, pig	

## Background Information

Rab5a belongs to the Rab GTPases family proteins, which play roles in endocytosis, exocytosis, and vesicular transportation. Rab family proteins were recently reported to play important roles in human cancer progression. Rab5a was reported to be overexpressed in breast and ovarian cancers and associated with proliferation and invasion. This antibody is CL594(Ex/Em 593 nm/614 nm) conjugated.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**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:

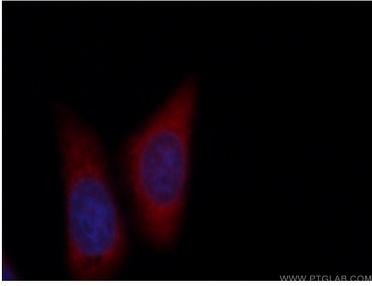
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL594-66339 (RAB5A antibody) at dilution of 1:50.