

For Research Use Only

# CoraLite® Plus 647-conjugated RAB7A Polyclonal antibody

Catalog Number:CL647-55469

Featured Product



## Basic Information

Catalog Number:

CL647-55469

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_004637

GeneID (NCBI):

7879

UNIPROT ID:

P51149

Full Name:

RAB7A, member RAS oncogene family

Calculated MW:

23 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

FC (Intra): 0.4 ug per 10<sup>6</sup> cells in a  
100 µl suspension

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : A431 cells,

## Background Information

RAB7A, also named as RAB7, belongs to the small GTPase superfamily and Rab family. It is involved in late endocytic transport. RAB7A contributes to the maturation of phagosomes (acidification). Defects in RAB7A are the cause of Charcot-Marie-Tooth disease type 2B (CMT2B). This antibody is specific to RAB7A.

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

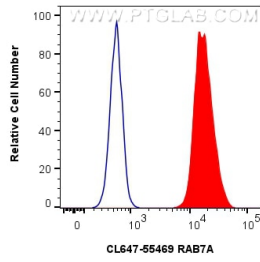
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> A431 cells were intracellularly stained with 0.4 ug RAB7A Polyclonal antibody (CL647-55469)(red), or 0.4 ug Isotype Control (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).