

CoraLite®594-conjugated RAB2A Monoclonal antibody

Catalog Number: **CL594-67501**

Basic Information

Catalog Number:

CL594-67501

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7939

GenBank Accession Number:

BC008929

GeneID (NCBI):

5862

UNIPROT ID:

P61019

Full Name:

RAB2A, member RAS oncogene family

Calculated MW:

24 kDa

Observed MW:

21 kDa

Purification Method:

Protein A purification

CloneNo.:

3E1B10

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima

wavelengths:
588 nm / 604 nm

Applications

Tested Applications:

IF-P, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P: mouse brain tissue,

Background Information

The protein belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex.

Storage

Storage:

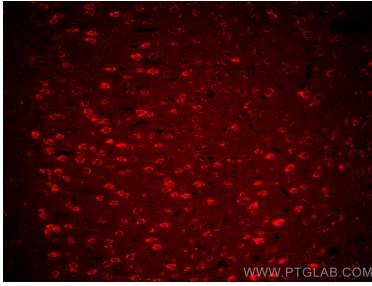
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

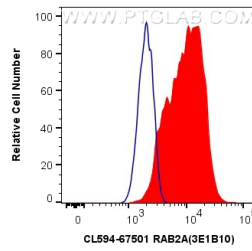
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® 594 RAB2A antibody (CL594-67501, Clone: 3E1B10) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human RAB2A (CL594-67501, Clone: 3E1B10) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).