

For Research Use Only

CoraLite® Plus 488-conjugated RAB39B Monoclonal antibody



Catalog Number:CL488-68014

Basic Information

Catalog Number:

CL488-68014

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG27170

GenBank Accession Number:

BC009714

GeneID (NCBI):

116442

UNIPROT ID:

Q96DA2

Full Name:

RAB39B, member RAS oncogene family

Calculated MW:

213 aa, 25 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

2F4F7

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human, mouse, rat, rabbit, pig

Background Information

RAB39B is a member of the RAB GTPase family with a putative role in vesicle trafficking. RAB39B is predominantly expressed in neuronal cells and is localized to the endoplasmic reticulum, Golgi and trans - Golgi recycling endosomes. Several reports suggested that RAB39B may regulate protein trafficking and the PI3K-AKT-mTOR pathway. Mutations in RAB39B are known to be associated with X-linked intellectual disability (XLID), Parkinson's disease, and autism.

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:

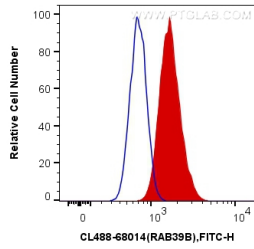
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human RAB39B (CL488-68014, Clone:2F4F7) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).