

For Research Use Only

CoraLite® Plus 488-conjugated RAB39B Monoclonal antibody



Catalog Number: CL488-68014

Basic Information

Catalog Number: CL488-68014	GenBank Accession Number: BC009714	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 116442	CloneNo.: 2F4F7
Source: Mouse	Full Name: RAB39B, member RAS oncogene family	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG2b	Calculated MW: 213 aa, 25 kDa	
Immunogen Catalog Number: AG27170	Observed MW: 25 kDa	

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.

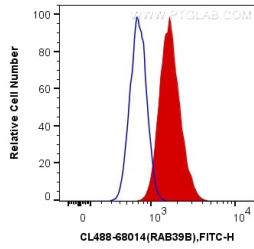
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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).