

For Research Use Only

CoraLite® Plus 488-conjugated Stomatin Monoclonal antibody



Catalog Number:CL488-67894

Basic Information

Catalog Number: CL488-67894	GenBank Accession Number: BC010703	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2040	CloneNo.: 1A4D6
Source: Mouse	Full Name: stomatin	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG1	Calculated MW: 288 aa, 32 kDa	
Immunogen Catalog Number: AG2676	Observed MW: 32 kDa	

Applications

Tested Applications:
FC (Intra)
Species Specificity:
Human

Background Information

STOM, also named as BND7, EPB72, Stomatin and Protein 7.2b, belongs to the band 7/mec-2 family. It is thought to regulate cation conductance. STOM may regulate ACCN1 and ACCN3 gating. STOM is a membrane protein involved in regulation of monovalent cation transport through lipid membranes. Interestingly, STOM (which has a structure similar to caveolin) is a major lipid-raft component of erythrocytes. It may have a role in membrane microdomains modulation leading to membrane budding and MPs release.(PMID:19138258)

Storage

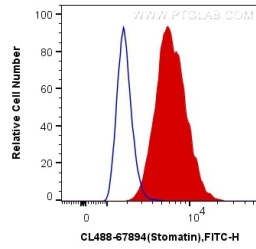
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 A549 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Stomatin (CL488-67894, Clone:1A4D6) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).