

For Research Use Only

CoraLite® Plus 488-conjugated SNX5 Monoclonal antibody



Catalog Number:CL488-67665

Basic Information

Catalog Number: CL488-67665	GenBank Accession Number: BC093623	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 27131	CloneNo.: 2F8A4
Source: Mouse	Full Name: sorting nexin 5	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Calculated MW: 404 aa, 47 kDa	
Immunogen Catalog Number: AG12330	Observed MW: 47 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, Mouse, Rat

Background Information

Sorting nexins are a diverse group of cytoplasmic and membrane-associated proteins that are classified by the presence of a phospholipid-binding motif-the PX domain (PMID:12461558). They are involved in endocytosis and protein trafficking. SNX5 (Sorting nexin-5) was originally identified as a putative FANCA-binding protein (PMID: 10600472). SNX5 has a phox homology (PX) domain in the N-terminus. It is involved in several stages of intracellular trafficking. SNX5 is a component of the mammalian retromer complex, which is involved in recycling proteins from endosomes to the trans-Golgi network or plasma membrane (PMID: 17148574; 26199408).

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.

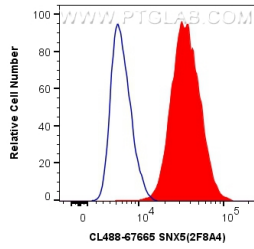
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



1×10^6 HeLa cells were intracellularly stained with 0.8 μ g CoraLite® Plus 488 Anti-Human SNX5 (CL488-67665, Clone:2F8A4) (red), or 0.8 μ g CoraLite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).