

For Research Use Only

CoraLite® Plus 488-conjugated SNX18 Monoclonal antibody

Catalog Number:CL488-68305



Basic Information

Catalog Number: CL488-68305	GenBank Accession Number: BC060791	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 112574	CloneNo.: 2E7D6
Source: Mouse	UNIPROT ID: Q96RF0	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: sorting nexin 18	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG17388	Calculated MW: 628 aa, 69 kDa	
	Observed MW: 67-70 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A431 cells,
Species Specificity: Human, Mouse	

Background Information

SNXs (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). SNXs are involved in endocytosis and protein trafficking. SNX18, together with SNX9 and SNX33, constitutes a separate SNX9 subfamily which is required for mitosis through endocytosis processes (PMID: 22718350, 20427313). SNX18 acts as a positive regulator of autophagy, regulates ATG9A trafficking from recycling endosomes (PMID: 24113029, 29437695).

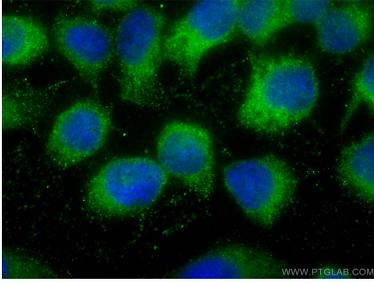
Storage

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:
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



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite® Plus 488 SNX18 antibody (CL488-68305, Clone: 2E7D6) at dilution of 1:200.