

For Research Use Only

# CoraLite® Plus 488-conjugated SNX18 Monoclonal antibody



Catalog Number: CL488-68305

## Basic Information

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

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : A431 cells,
<b>Species Specificity:</b> 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

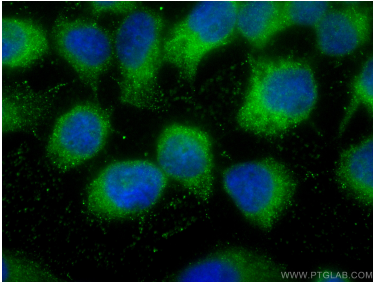
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



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