

For Research Use Only

# CoraLite® Plus 488-conjugated SNX18 Monoclonal antibody



Catalog Number: CL488-68305

## Basic Information

Catalog Number:

CL488-68305

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17388

GenBank Accession Number:

BC060791

GeneID (NCBI):

112574

UNIPROT ID:

Q96RFO

Full Name:

sorting nexin 18

Calculated MW:

628 aa, 69 kDa

Observed MW:

67-70 kDa

Purification Method:

Protein G purification

CloneNo.:

2E7D6

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse

Positive Controls:

IF/ICC : A431 cells,

## 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:

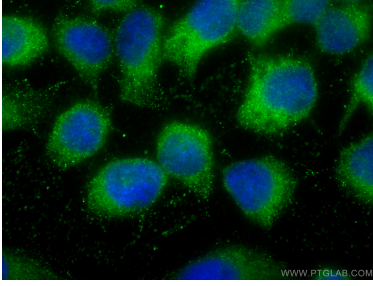
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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.