

For Research Use Only

# CoraLite® Plus 488-conjugated SNX9 Monoclonal antibody



Catalog Number:CL488-68255

## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>CL488-68255                             | <b>GenBank Accession Number:</b><br>BC005022 | <b>Purification Method:</b><br>Protein A purification                 |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>51429               | <b>CloneNo.:</b><br>1B11C9  |
| <b>Source:</b><br>Mouse   | <b>Full Name:</b><br>sorting nexin 9         | <b>Recommended Dilutions:</b><br>IF 1:50-1:500                        |
| <b>Isotype:</b><br>IgG2a  | <b>Calculated MW:</b><br>595 aa, 67 kDa      | <b>Excitation/Emission maxima<br/>wavelengths:</b><br>493 nm / 522 nm |
| <b>Immunogen Catalog Number:</b><br>AG8446                        | <b>Observed MW:</b><br>70 kDa                |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IF                | <b>Positive Controls:</b><br>IF : A431 cells, |
| <b>Species Specificity:</b><br>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. SNX9 (Sorting nexin-9, also known as SH3PX1) was originally identified as a protein that interacted with the metalloproteinases ADAM9 and ADAM15. It contains a PX and an Sec homology 3 (SH3) domain. SNX9 functions in clathrin-mediated endocytosis and clathrin-independent, actin-dependent fluid-phase endocytosis (PMID: 17609109). On SDS-PAGE, SNX9 migrates at a molecular weight (70-78 kDa) higher than its calculated molecular mass of 67 kDa (PMID: 15299020; 12952949; 18411244; 15703209).

## Storage

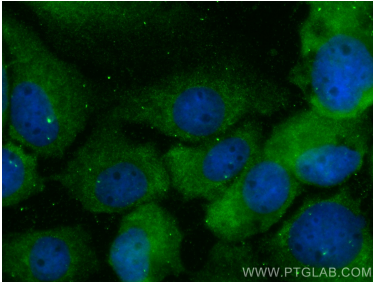
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 Ethanol) fixed A431 cells using CoraLite® Plus 488 SNX9 antibody (CL488-68255, Clone: 1B11C9) at dilution of 1:200.