

For Research Use Only

CoraLite® Plus 488-conjugated SNX9 Monoclonal antibody

Catalog Number:CL488-68255



Basic Information

Catalog Number:

CL488-68255

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG8446

GenBank Accession Number:

BC005022

GeneID (NCBI):

51429

UNIPROT ID:

Q9Y5X1

Full Name:

sorting nexin 9

Calculated MW:

595 aa, 67 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

1B11C9

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, rat

Positive Controls:

IF/ICC : A431 cells,

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

For technical support and original validation data for this product please contact:

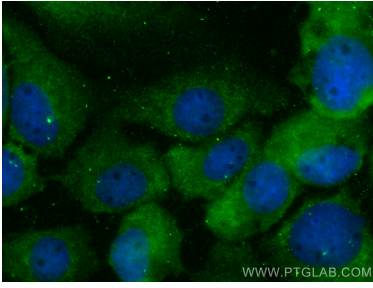
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using CoraLite® Plus 488 SNX9 antibody (CL488-68255, Clone: 1B11C9) at dilution of 1:200.