

For Research Use Only

# SNX18 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84215-1-PBS



## Basic Information

<b>Catalog Number:</b> 84215-1-PBS	<b>GenBank Accession Number:</b> BC060791	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 112574	<b>CloneNo.:</b> 241537A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96RF0	
<b>Isotype:</b> IgG	<b>Full Name:</b> sorting nexin 18	
<b>Immunogen Catalog Number:</b> AG16645	<b>Calculated MW:</b> 628 aa, 69 kDa	

## Applications

**Tested Applications:**  
IF/ICC, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

84215-1-PBS targets SNX18 as part of a matched antibody pair.

MP01150-1: 84215-1-PBS capture and 84215-3-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## 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 and regulates ATG9A trafficking from recycling endosomes (PMID: 24113029, 29437695).

## Storage

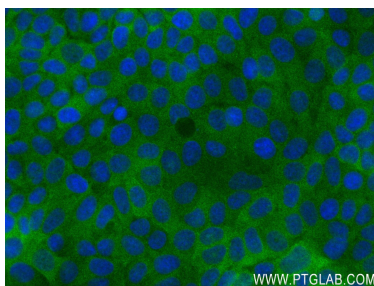
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

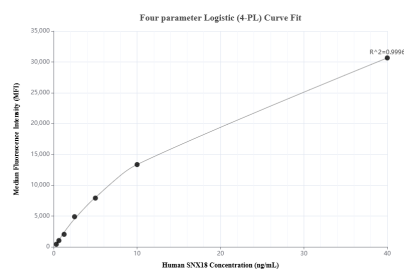
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using SNX18 antibody (84215-1-RR, Clone: 241537A2 ) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84215-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01150-1, SNX18 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84215-1-PBS. Detection antibody: 84215-3-PBS. Standard: Ag16645. Range: 0.313-40 ng/mL.