

For Research Use Only

# CoraLite® Plus 488-conjugated VPS18 Monoclonal antibody



Catalog Number: CL488-67590

## Basic Information

<b>Catalog Number:</b> CL488-67590	<b>GenBank Accession Number:</b> BC001513	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57617	<b>CloneNo.:</b> 2E10G11
<b>Source:</b> Mouse	<b>Full Name:</b> vacuolar protein sorting 18 homolog (S. cerevisiae)	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 110 kDa	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Immunogen Catalog Number:</b> AG29954		

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : A549 cells,
<b>Species Specificity:</b> Human	

## Background Information

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Vps18 is a central member of Vps-C complex. Vps18 may play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes.

## Storage

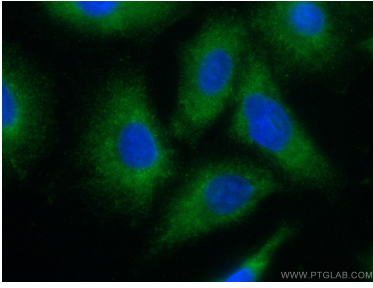
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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)  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoraLite® Plus 488 VPS18 antibody (CL488-67590, Clone: 2E10G11.) at dilution of 1:100.