

For Research Use Only

# CoraLite® Plus 488-conjugated VPS15 Polyclonal antibody

Catalog Number: CL488-17894



## Basic Information

<b>Catalog Number:</b> CL488-17894	<b>GenBank Accession Number:</b> BC110318	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 30849	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99570	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> phosphoinositide-3-kinase, regulatory subunit 4	
<b>Immunogen Catalog Number:</b> AG12221	<b>Calculated MW:</b> 1358 aa, 153 kDa	
	<b>Observed MW:</b> 150 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, FC (Intra)	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

PIK3R4(phosphoinositide 3-kinase regulatory subunit 4) is also named as PI3-kinase p150 subunit and belongs to the Ser/Thr protein kinase family. It is a regulatory subunit of the PI3K complex and may regulate membrane trafficking late in the endocytic pathway. This protein can be probably autophosphorylated(PMID:19369195).

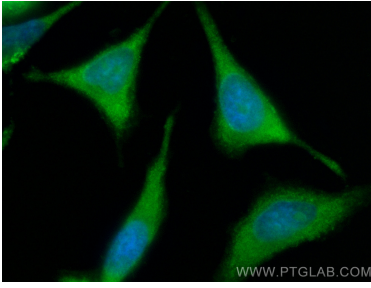
## Storage

**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

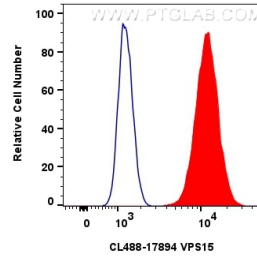
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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 HeLa cells using CoraLite® Plus 488 VPS15 antibody (CL488-17894) at dilution of 1:200.



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488-conjugated VPS15 Polyclonal antibody (CL488-17894)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).