

For Research Use Only

# CoraLite®555-conjugated VPS53 Monoclonal antibody

Catalog Number:CL555-67610



## Basic Information

Catalog Number:

CL555-67610

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29875

GenBank Accession Number:

BC029560

GeneID (NCBI):

55275

UNIPROT ID:

Q5VIR6

Full Name:

vacuolar protein sorting 53 homolog  
(S. cerevisiae)

Calculated MW:

832 aa, 94 kDa

Observed MW:

94 kDa

Purification Method:

Protein G purification

CloneNo.:

2B12C3

Recommended Dilutions:

IF/ICC 1:200-1:800

Excitation/Emission maxima  
wavelengths:

557 nm / 570nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Rat

Positive Controls:

IF/ICC : HEK-293 cells,

## Background Information

VPS53 is a component of the Golgi-associated retrograde protein (GARP) complex, also called VFT (VPS fifty-three) complex, composed of VPS51, VPS52, VPS53 and VPS54. GARP complex functions in traffic from endosomes to the trans-Golgi network (PMID: 15878329). GARP proteins interact with RAB proteins and SNARE proteins.

## 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

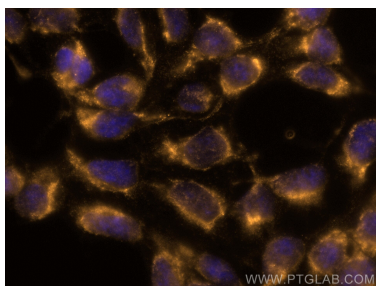
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite®555 VPS53 antibody (CL555-67610, Clone: 2B12C3 ) at dilution of 1:400.