

For Research Use Only

CoraLite®555-conjugated VPS53 Monoclonal antibody



Catalog Number:CL555-67610

Basic Information

Catalog Number: CL555-67610	GenBank Accession Number: BC029560	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55275	CloneNo.: 2B12C3
Source: Mouse	Full Name: vacuolar protein sorting 53 homolog (S. cerevisiae)	Recommended Dilutions: IF 1:200-1:800
Isotype: IgG1	Calculated MW: 832 aa, 94 kDa	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Immunogen Catalog Number: AG29875	Observed MW: 94 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HEK-293 cells,
Species Specificity: Human, Mouse, Rat	

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

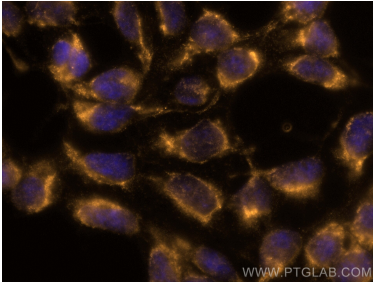
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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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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 HEK-293 cells using CoraLite®555 VPS53 antibody (CL555-67610, Clone: 2B12C3) at dilution of 1:400.