

For Research Use Only

CoraLite® Plus 488-conjugated VPS4B Monoclonal antibody

Catalog Number:CL488-68443



Basic Information

Catalog Number: CL488-68443	GenBank Accession Number: BC039574	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9525	CloneNo.: 2H3G7
Source: Mouse	UNIPROT ID: O75351	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: vacuolar protein sorting 4 homolog B (S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG11610	Calculated MW: 444 aa, 49 kDa	
	Observed MW: ~50 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: Human, mouse , rat	

Background Information

VPS4 (Vacuolar protein sorting-associated protein 4) is involved in intracellular protein trafficking, presumably at a late endosomal protein transport step. VPS4B is a ubiquitously expressed type I AAA+ (ATPases Associated with diverse cellular Activities) ATPase. It cooperates with its highly homologous paralog VPS4A (encoded by the VPS4A gene) to disassemble and release the Endosomal Sorting Complex Required for Transport (ESCRT) machinery. 68443-1-Ig specifically recognizes VPS4B. (PMID:31930723)

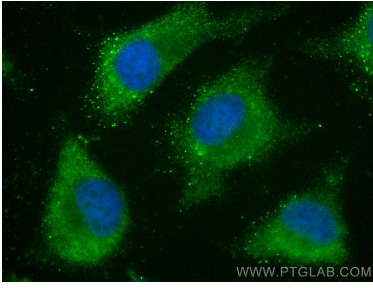
Storage

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)
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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 Methanol) fixed HeLa cells using Coralite® Plus 488 VPS4B antibody (CL488-68443, Clone: 2H3G7) at dilution of 1:200.