

For Research Use Only

CoraLite® Plus 488-conjugated VPS25 Monoclonal antibody



Catalog Number:CL488-68197

Basic Information

Catalog Number: CL488-68197	GenBank Accession Number: BC006282	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 84313	CloneNo.: 3B4C3
Source: Mouse	Full Name: vacuolar protein sorting 25 homolog (S. cerevisiae)	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 176 aa, 21 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8243	Observed MW: 19 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells,
Species Specificity: Human, Rabbit	

Background Information

VPS25 is a component of the endosome-associated complex ESCRT-II (Endosomal Sorting Complexes Required for Transport protein II). ESCRT-II complex, composed of VPS25, VPS36, and SNF8, functions in sorting of ubiquitinated membrane proteins during endocytosis. ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. VPS25 is highly conserved. Human VPS25 gene maps to chromosome 17q21.31 and is expressed in a wide range of tissues (PMID: 16889659).

Storage

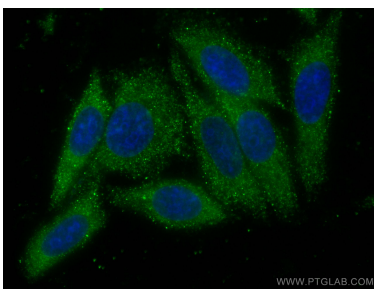
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 HepG2 cells using CoraLite® Plus 488 VPS25 antibody (CL488-68197, Clone: 3B4C3) at dilution of 1:200.