

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: 1000 µg/ml	GeneID (NCBI): 84313	CloneNo.: 3B4C3
Source: Mouse	UNIPROT ID: Q9BRG1	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: vacuolar protein sorting 25 homolog (S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8243	Calculated MW: 176 aa, 21 kDa	
	Observed MW: 19 kDa	

Applications

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

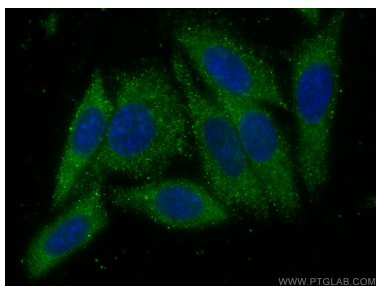
Background Information

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

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.