

For Research Use Only

VPS25 Monoclonal antibody, PBS Only



Catalog Number: 68197-1-PBS

Basic Information

Catalog Number: 68197-1-PBS	GenBank Accession Number: BC006282	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 84313	CloneNo.: 3B4C3
Source: Mouse	UNIPROT ID: Q9BRG1	
Isotype: IgG1	Full Name: vacuolar protein sorting 25 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG8243	Calculated MW: 176 aa, 21 kDa	
	Observed MW: 19 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

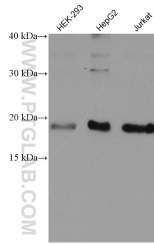
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

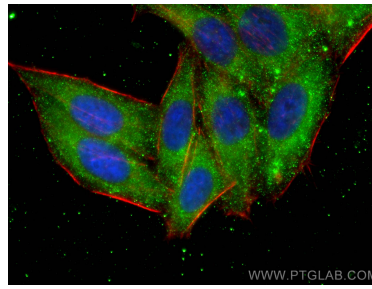
E: proteintech@ptglab.com
W: ptglab.com

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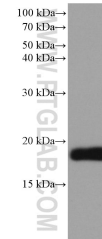
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68197-1-Ig (VPS25 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68197-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using VPS25 antibody (68197-1-Ig, Clone: 3B4C3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68197-1-PBS in a different storage buffer formulation.



rabbit kidney tissue were subjected to SDS PAGE followed by western blot with 68197-1-Ig (VPS25 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68197-1-PBS in a different storage buffer formulation.