

For Research Use Only

VPS25 Monoclonal antibody

Catalog Number: 68197-1-Ig



Basic Information

Catalog Number: 68197-1-Ig	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: WB 1:5000-1:50000 IF/ICC 1:400-1:1600
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: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, Rabbit	WB : HEK-293 cells, HeLa cells, rabbit kidney tissue, HepG2 cells, Jurkat cells
	IF/ICC : HepG2 cells,

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. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

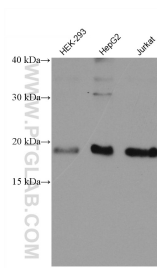
T: 4006900926

E: Proteintech-CN@ptglab.com

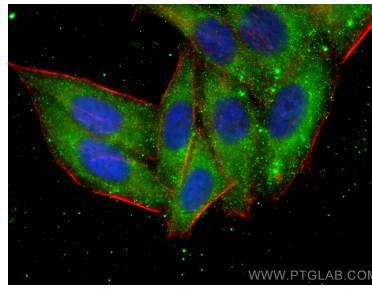
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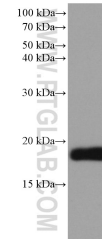
Selected Validation Data



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.



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).



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.