

For Research Use Only

VPS53 Monoclonal antibody, PBS Only



Catalog Number: 67610-1-PBS

Basic Information

Catalog Number: 67610-1-PBS	GenBank Accession Number: BC029560	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55275	CloneNo.: 2B12C3
Source: Mouse	UNIPROT ID: Q5VIR6	
Isotype: IgG1	Full Name: vacuolar protein sorting 53 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG29875	Calculated MW: 832 aa, 94 kDa	
	Observed MW: 94 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

VPS53 is a component of the Golgi-associated retrograde protein (GARP) complex, also called VFT (VPS fifty-three) complex, composed of VPS51, VPS52, VPS53 and VPS54. GARP complex functions in traffic from endosomes to the trans-Golgi network (PMID: 15878329). GARP proteins interact with RAB proteins and SNARE proteins.

Storage

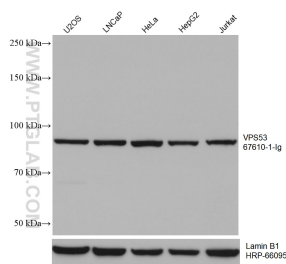
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

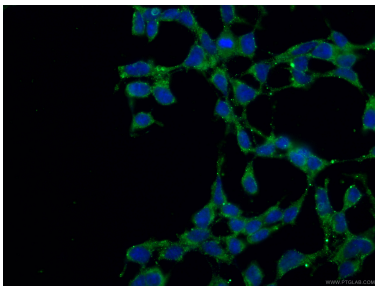
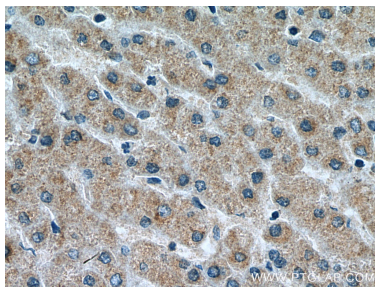
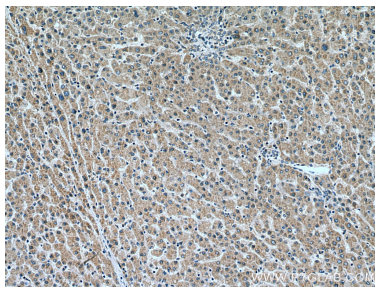
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67610-1-Ig (VPS53 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 67610-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 67610-1-Ig (VPS53 antibody), at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67610-1-PBS in a different storage buffer formulation.