

For Research Use Only

# PLVAP Monoclonal antibody

Catalog Number: 67158-1-Ig



## Basic Information

<b>Catalog Number:</b> 67158-1-Ig	<b>GenBank Accession Number:</b> BC056414	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2000 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 83483	<b>CloneNo.:</b> 1D4A6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BX97	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:2000-1:8000 IF-Fro 1:200-1:800
<b>Isotype:</b> IgG2a	<b>Full Name:</b> plasmalemma vesicle associated protein	
<b>Immunogen Catalog Number:</b> AG6359	<b>Calculated MW:</b> 51 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF-Fro, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, pig	<b>WB :</b> human placenta tissue, pig spleen tissue, pig kidney tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human tonsillitis tissue,
	<b>IF-Fro :</b> mouse small intestine tissue,

## Storage

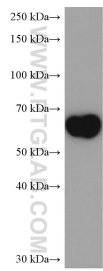
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

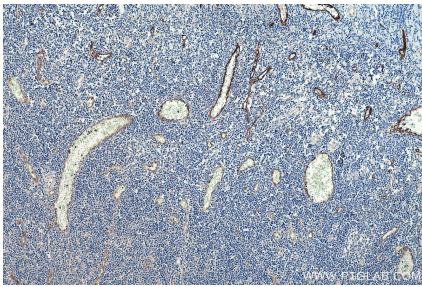
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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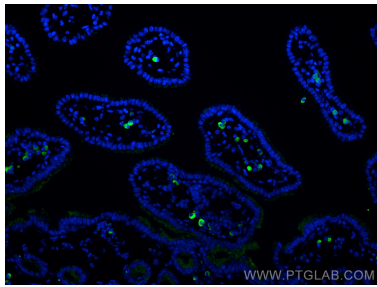
## Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 67158-1-Ig (PLVAP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67158-1-Ig (PLVAP antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed frozen OCT-embedded mouse small intestine tissue using PLVAP antibody (67158-1-Ig, Clone: 1D4A6 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).