

For Research Use Only

PLVAP Recombinant monoclonal antibody

Catalog Number: 87712-1-RR



Basic Information

Catalog Number: 87712-1-RR	GenBank Accession Number: NM_031310.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 83483	CloneNo.: 252917G8
Source: Rabbit	UNIPROT ID: Q9BX97	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:1000-1:4000
Isotype: IgG	Full Name: plasmalemma vesicle associated protein	
Immunogen Catalog Number: EG5463	Calculated MW: 51 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : rat kidney tissue, mouse kidney tissue, human placenta
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse colon tissue,

Background Information

Plasmalemma vesicle-associated protein (PLVAP) is an endothelial-associated protein that is involved in endothelial diaphragm formation and maintenance of basal vascular permeability. At the same time, PLVAP has roles in immunity by facilitating leukocyte diapedesis at inflammatory sites and controlling peripheral lymph node morphogenesis and the entry into soluble ags into lymph node conduits .(PMID: 36884119, PMID: 37810232)

Storage

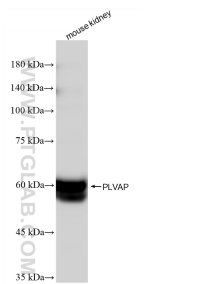
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

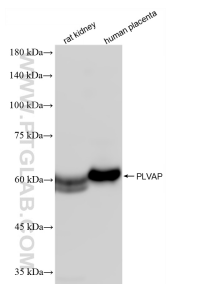
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87712-1-RR (PLVAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 87712-1-RR (PLVAP antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).