

PLVAP Recombinant monoclonal antibody

Catalog Number: 87712-1-RR

Basic Information

Catalog Number:

87712-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5463

GenBank Accession Number:

NM_031310.2

GeneID (NCBI):

83483

UNIPROT ID:

Q9BX97

Full Name:

plasmalemma vesicle associated protein

Calculated MW:

51 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

252917G8

Recommended Dilutions:

WB: 1:5000-1:50000

IHC: 1:1000-1:4000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: rat kidney tissue, mouse kidney tissue, human placenta

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:

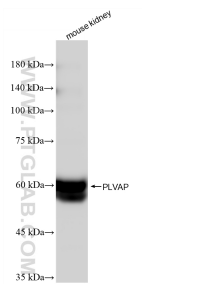
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

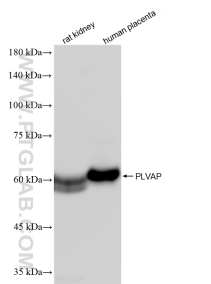
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

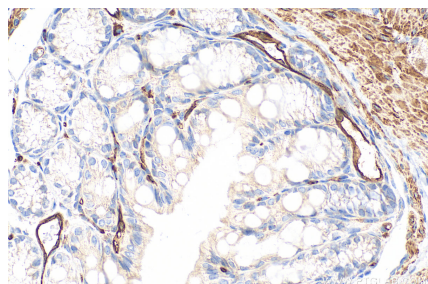
Selected Validation Data



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).