

For Research Use Only

Villin Recombinant monoclonal antibody, PBS Only

Catalog Number: 86978-2-PBS



Basic Information

Catalog Number:

86978-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9610

GenBank Accession Number:

BC017303

GeneID (NCBI):

7429

UNIPROT ID:

P09327

Full Name:

villin 1

Calculated MW:

827aa, 93 kDa; 826aa, 93 kDa

Purification Method:

Protein A purification

CloneNo.:

251823A8

Applications

Tested Applications:

IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

Villin 1 (VIL1) is a 95-kd F-actin bundling and severing protein and its expression is restricted to epithelial cells with a brush border, like epithelial cells of the intestinal mucosa, gall bladder, renal proximal tubules and ductuli efferentes of the testis. VIL1 has been reported to be an epithelial cell-specific anti-apoptotic protein, and to have an important function in regulating actin dynamics, cell morphology, epithelial-to-mesenchymal transitions, cell migration and cell survival. In addition, VIL1 is a useful diagnostic marker for various cancer, like cervical and endometrial adenocarcinomas, renal cell carcinoma. VIL1 was recently identified as a novel biomarker predictive for postoperative recurrence and poorer prognosis of high serum AFP associated HCC.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

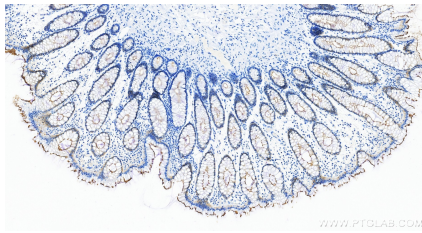
T: 4006900926

E: Proteintech-CN@ptglab.com

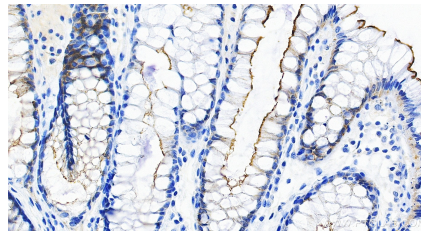
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

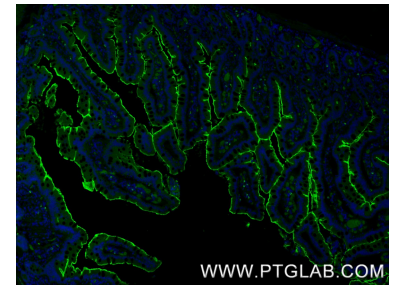
Selected Validation Data



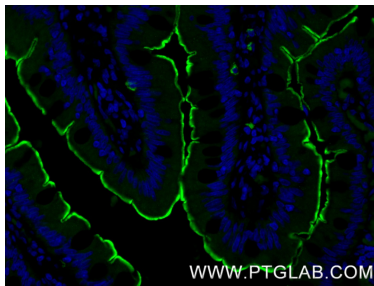
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 86978-2-RR (VIL1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86978-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 86978-2-RR (VIL1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86978-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human small intestine tissue using VIL1 antibody (86978-2-RR, Clone: 251823A8) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86978-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human small intestine tissue using VIL1 antibody (86978-2-RR, Clone: 251823A8) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86978-2-PBS in a different storage buffer formulation.