

For Research Use Only

Villin Recombinant monoclonal antibody, PBS Only

Catalog Number: 86978-2-PBS



Basic Information

Catalog Number: 86978-2-PBS	GenBank Accession Number: BC017303	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7429	CloneNo.: 251823A8
Source: Rabbit	UNIPROT ID: P09327	
Isotype: IgG	Full Name: villin 1	
Immunogen Catalog Number: AG9610	Calculated MW: 827aa, 93 kDa; 826aa, 93 kDa	

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

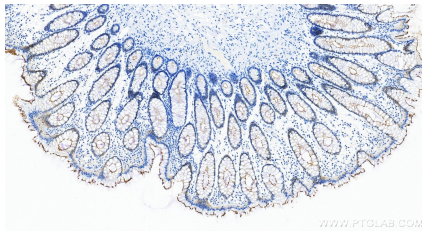
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

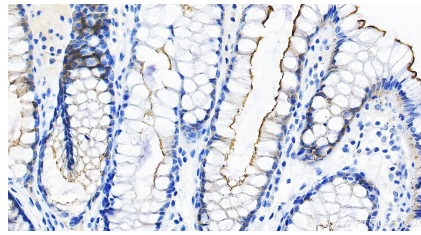
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

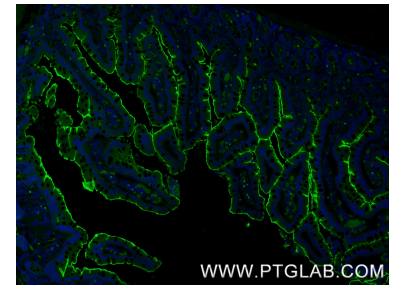
Selected Validation Data



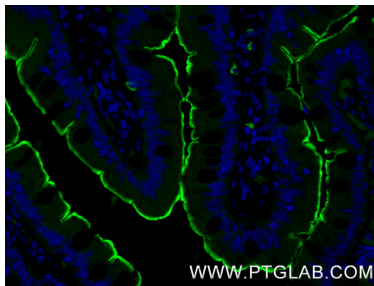
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 86978-2-RR (VIL1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86978-2-PBS in a different storage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



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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.