

For Research Use Only

CoraLite® Plus 488-conjugated Villin Polyclonal antibody



Catalog Number: CL488-16488

Basic Information

Catalog Number: CL488-16488	GenBank Accession Number: BC017303	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7429	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: villin 1	Excitation/Emission maximum wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 827aa,93 kDa; 826aa,93 kDa	
Immunogen Catalog Number: AG9610	Observed MW: 93 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse small intestine tissue,
Species Specificity: human, mouse, rat	

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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

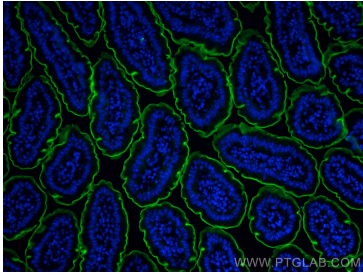
For technical support and original validation data for this product please contact:

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse small intestine tissue using CoraLite® Plus 488 Villin antibody (CL488-16488) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).