

For Research Use Only

Villin Recombinant monoclonal antibody, PBS Only

Catalog Number: 86978-3-PBS



Basic Information

Catalog Number: 86978-3-PBS	GenBank Accession Number: BC017303	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7429	CloneNo.: 251823E12
Source: Rabbit	UNIPROT ID: P09327	
Isotype: IgG	Full Name: villin 1	
Immunogen Catalog Number: AG9610	Calculated MW: 827aa,93 kDa; 826aa,93 kDa	
	Observed MW: 93-95 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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

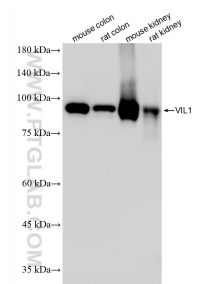
Storage:
Store at -80°C.

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



Various lysates were subjected to SDS PAGE followed by western blot with 86978-3-RR (VIL1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86978-3-PBS in a different storage buffer formulation.