

For Research Use Only

Villin Recombinant monoclonal antibody

Catalog Number: 86978-3-RR



Basic Information

Catalog Number: 86978-3-RR	GenBank Accession Number: BC017303	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7429	CloneNo.: 251823E12
Source: Rabbit	UNIPROT ID: P09327	Recommended Dilutions: WB: 1:5000-1:50000
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, ELISA	Positive Controls: WB : mouse colon tissue, rat colon tissue, mouse kidney tissue, rat kidney 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

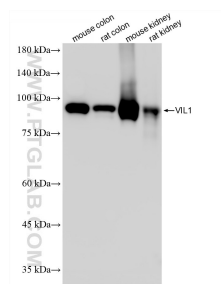
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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.