Anti -Villin Mouse mAb

GB121209 100 μL -20℃

Product Information

Description	Villin mouse monoclonal antibody
Protein full name	Villin-1
Synonyms	VIL1, VIL, Villin 1, D2S1471
Immunogen	Recombinant protein corresponding to Mouse Villin
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cytoplasm
Predicted MW.	93 kDa
Observed MW.	95 kDa
Uniprot ID	P09327, Q62468

Applications

Applications	Species	Dilution	Positive Sample
WB	Human, Mouse, Rat	1:500-1:1000	
IHC/IF	Human, Mouse, Rat	1:500-1:2000	colon, ileum, jejunum, kidney, liver, small intestine, stomach

Background

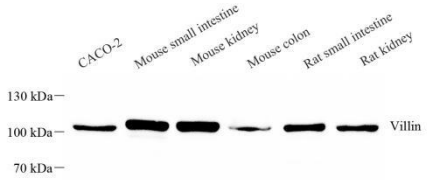
Villin 1 (VIL1) is a 95-kd F-actin bundling and severing protein and its expression is restricted to epithelial cells with a brush border, like epithelial cells of the intestinal mucosa, gall bladder, renal proximal tubules and ductuli efferentes of the testis. VIL1 has been reported to be an epithelial 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 of various cancer, like cervical and endometrial adenocarcinomas, renal cell carcinoma.

Storage

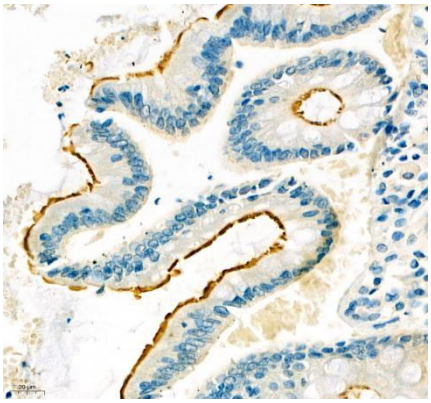
Storage	Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide,100 μg/ml BSA and 50% glycerol.

NOTE:1.This product is intended for research only.
2.This product is recommended to dilute with the Primary Antibody Dilution Buffer.（G2025）

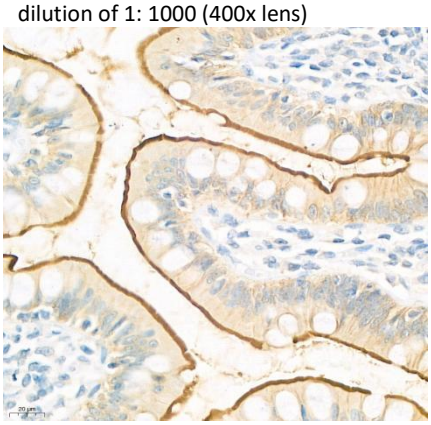
Images



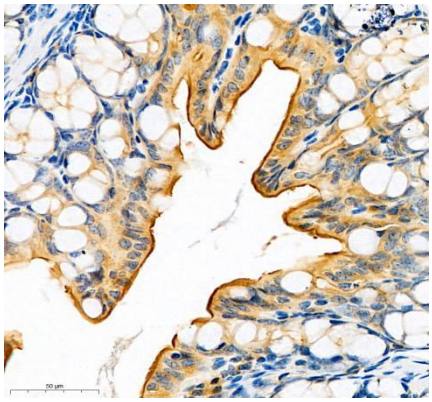
Western blot analysis of Villin (GB121209) at dilution of 1: 1000



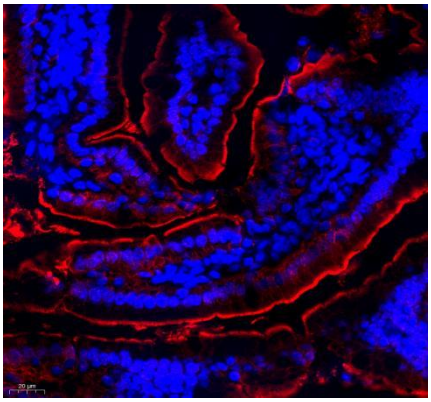
Immunohistochemistry of paraffin embedded human colon using villin (GB121209) at dilution of 1: 1000 (400x lens)



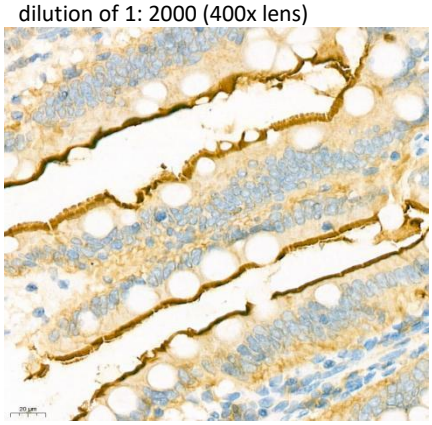
Immunohistochemistry of paraffin embedded human small intestine using villin (GB121209) at dilution of 1: 1000 (400x lens)



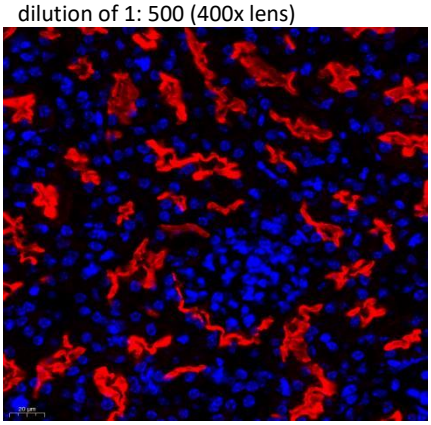
Immunohistochemistry of paraffin embedded mouse colon using villin (GB121209) at dilution of 1: 2000 (400x lens)



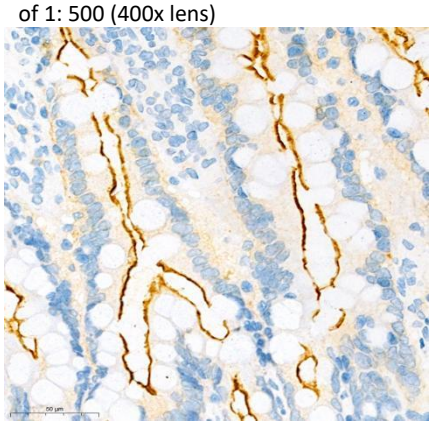
Immunofluorescence of paraffin embedded mouse jejunum using villin (GB121209) at dilution of 1: 500 (400x lens)



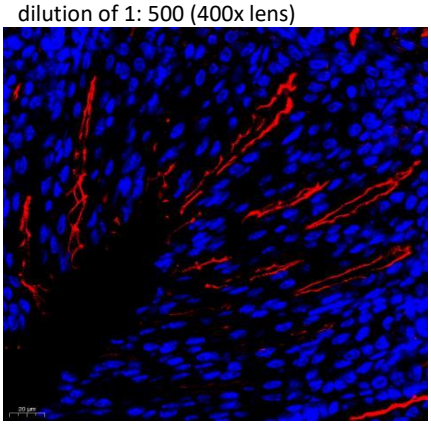
Immunohistochemistry of paraffin embedded rat ileum using villin (GB121209) at dilution of 1: 500 (400x lens)



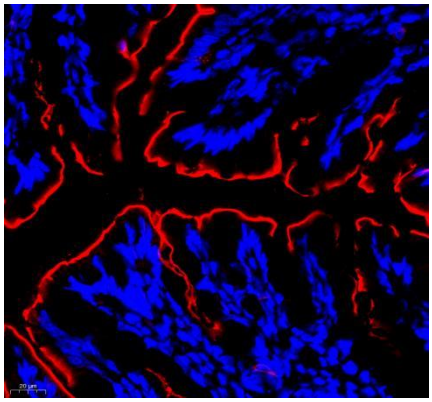
Immunofluorescence of paraffin embedded mouse kidney using villin (GB121209) at dilution of 1: 500 (400x lens)



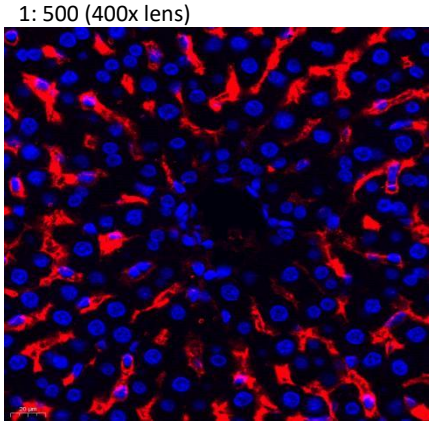
Immunohistochemistry of paraffin embedded rat jejunum using villin (GB121209) at dilution of 1: 2000 (400x lens)



Immunofluorescence of paraffin embedded mouse stomach using villin (GB121209) at dilution of 1: 500 (400x lens)



Immunofluorescence of paraffin embedded rat colon using villin (GB121209) at dilution of 1: 500 (400x lens)



Immunofluorescence of paraffin embedded rat liver using villin (GB121209) at dilution of 1: 500 (400x lens)