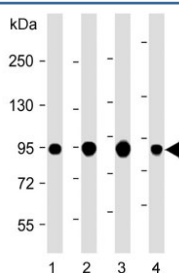


## VIL1 Antibody / Villin 1 (F54302)

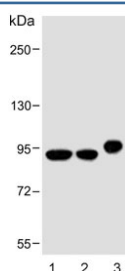
Catalog No.	Formulation	Size
F54302-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54302-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

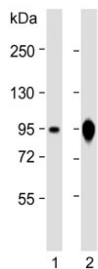
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	P09327
<b>Localization</b>	Cytoplasmic and cell surface
<b>Applications</b>	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25 Flow Cytometry : 1:25 (1x10 <sup>6</sup> cells)
<b>Limitations</b>	This VIL1 antibody is available for research use only.



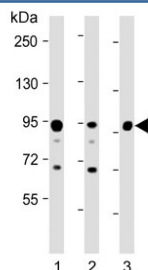
Western blot testing of 1) human HT-29, 2) human HepG2, 3) human COLO205 and 4) mouse colon lysate with VIL1 antibody. Predicted molecular weight ~93 kDa.



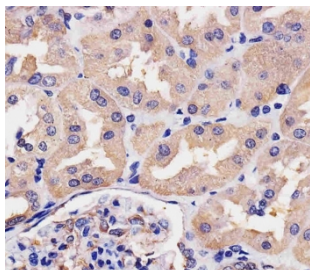
Western blot testing of 1) human HepG2, 2) human HT-29 and 3) mouse kidney lysate with VIL1 antibody. Predicted molecular weight ~93 kDa.



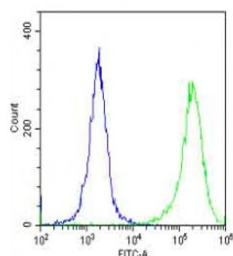
Western blot testing of human 1) Caco-2 and 2) HT-29 cell lysate with VIL1 antibody. Predicted molecular weight ~93 kDa.



Western blot testing of 1) human HT-29, 2) human SW480 and 3) mouse colon lysate with VIL1 antibody. Predicted molecular weight ~93 kDa.



IHC testing of FFPE human kidney tissue with VIL1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human HeLa cells with VIL1 antibody; Blue=isotype control, Green= VIL1 antibody.

## Description

Villin-1 is a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant part of the brush border cytoskeleton which functions in the capping, severing, and bundling of actin filaments.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the VIL1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 180-207 from the human protein were used as the immunogen for the VIL1 antibody.

## Storage

Aliquot the VIL1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

