Product Name: VIL1 Mouse Monoclonal Antibody
Catalog #: AMM81388

Summary

Production Name	VIL1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	VIL1
Alternative Names	VIL; D2S1471
Gene ID	7429.0
SwissProt ID	P09327.Purified recombinant fragment of human VIL1 (AA: 1-209) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	92.7kDa

Background

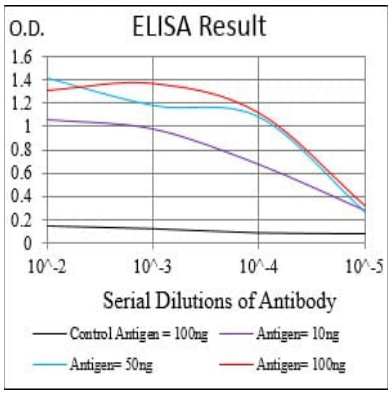
This gene encodes a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant

part of the brush border cytoskeleton which functions in the capping, severing, and bundling of actin filaments. Two mRNAs of 2.7 kb and 3.5 kb have been observed; they result from utilization of alternate poly-adenylation signals present in the terminal exon.

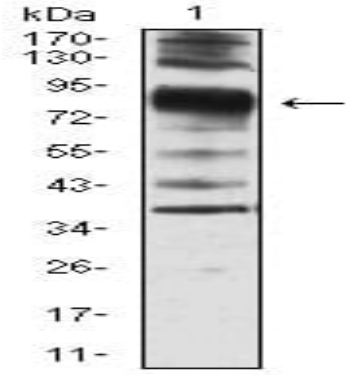
Research Area

Apoptosis

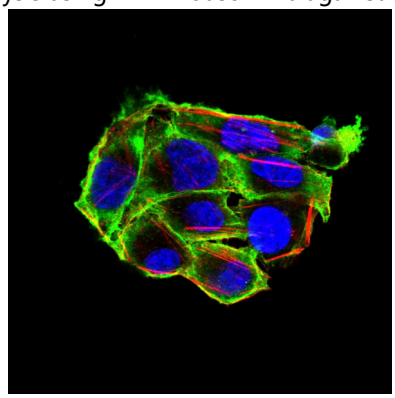
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

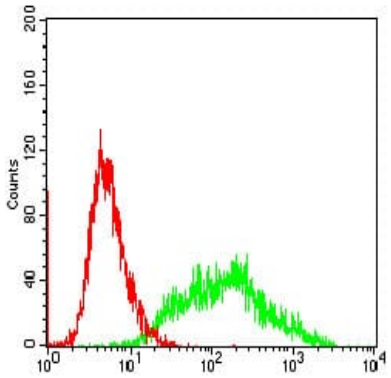


Western blot analysis using VIL1 mouse mAb against SW620 cell lysate.

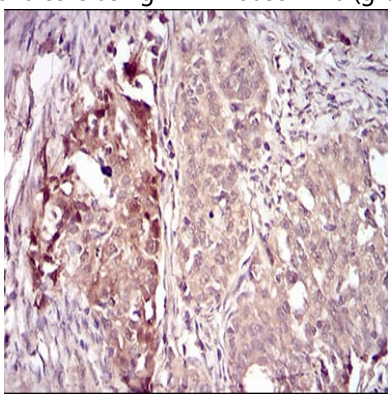


Immunofluorescence analysis of Hela cells using VIL1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin

filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of SW620 cells using VIL1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using VIL1 mouse mAb with DAB staining.

Note

For research use only.