

Mouse anti-Human Villin Monoclonal Antibody | anti-VIL1 antibody

Monoclonal Antibody to Villin (Clone: ABM4E64)

CATALOG # AAA78290	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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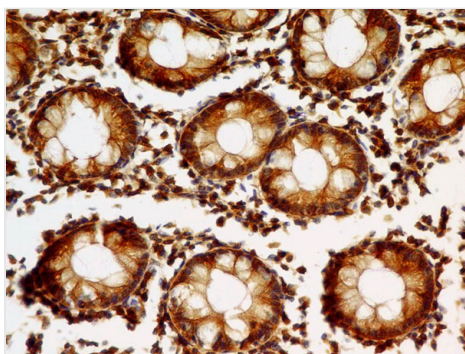
PRODUCT SYNONYMS

Villin; Monoclonal Antibody; Monoclonal Antibody to Villin (Clone: ABM4E64); VIL1; VIL; Antibody to Villin; Anti-Villin Antibody; Villin Antibody; anti-VIL1 antibody

PRODUCT SPECIFICATIONS

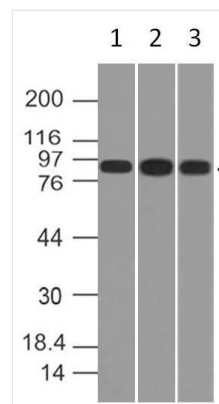
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	ABM4E64
Purity/Purification	Purified Protein G Chromatography
Form/Format	25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	827
Applicable Applications for anti-VIL1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen Information	A partial length recombinant Villin protein (amino acids 108-322) was used as the immunogen for this antibody.
Antigen	Villin
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig-2: Immunohistochemical analysis of Villin in Colon Adenocarcinoma tissue using Villin antibody (Clone: ABM4E64) at 5 ug/ml.



WB (Western Blot)

Fig-1: Western blot analysis of Villin. Anti-Villin antibody (Clone: ABM4E64) was tested at 0.5 ug/ml on A549, HepG2 and HCT116 lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-VIL1 antibody	Villin is a protein that belongs to the gelsolin family of calcium-regulated actin-binding proteins. It is expressed in differentiated epithelial cells with a brush border such as intestinal villi, proximal renal tubules, oviduct, and seminiferous ducts. Villin shares structural and functional homology with two conserved families of proteins. One family of proteins, which includes gelsolin and adseverin, shares the conserved domain(s) found in the villin core. Villin regulates cell migration, cell death, and epithelial-to-mesenchymal transition underscoring the significance of this protein to epithelial cell function.
Product Categories/Family for anti-VIL1 antibody	Antibodies; Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	224471905
NCBI GeneID	7429
UniProt Accession #	P09327; Q53S11; Q96AC8; B2R9A7
Molecular Weight	46,567 Da
NCBI Official Full Name	Villin-1
NCBI Official Synonym Full Names	villin 1
NCBI Official Symbol	VIL1
NCBI Official Synonym Symbols	VIL; D2S1471
NCBI Protein Information	villin-1
UniProt Protein Name	Villin-1
UniProt Gene Name	VIL1
UniProt Synonym Gene Names	VIL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/villin-antibody-clone-abm4e64-western-blot-immunohistochemistry-elisa/78290>