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

Villin (GI-Mucosal & Urogenital Brush Border Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215252	**Mouse**	**Human**	**Immunohistochemistry**

PRODUCT SYNONYMS

Villin; Monoclonal Antibody; Villin (GI-Mucosal & Urogenital Brush Border Marker); VIL1; Villin-1; Villin1; anti-VIL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa + IgG1, kappa
Clone Number	VIL1/1314 + VIL1/2376
Specificity	Recognizes a protein of 95kDa, which is identified as villin. It is a major constituent in the microvilli, which compose the brush border of epithelial cells forming absorptive surfaces of the intestinal and renal proximal tubular epithelia. Anti-Villin labels the brush border area in the gastrointestinal mucosal epithelium and urogenital tract. Among neoplasms, villin is predominantly expressed in tumors of colorectal origin. Antibody to villin is useful in identifying malignant cells from primary and metastatic colorectal carcinomas. This antibody also labels Merkel cells of the skin.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	827
Applicable Applications for anti-VIL1 antibody	IHC (Immunohistochemistry)
Positive Control	A549, HepG2 and HCT116 cells. Colon or Rectum.
Immunogen	A recombinant fragment (around aa179-311) of human Villin protein (exact sequence is proprietary)
Cellular Localization	Cytoplasmic & Cell Surface
Hu-chromosome Location	2q35
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Villin Mouse Monoclonal Antibody (VIL1/1314 + VIL1/2376).

IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Small Intestine stained with Villin Mouse Monoclonal Antibody (VIL1/1314 + VIL1/2376).

ADDITIONAL INFORMATION

References	1. Bacchi CE, et al. Lab Invest. 1991;64:418-24. 2. West BA, et al. 1988;94:343-52.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394237
NCBI GeneID	7429
NCBI Accession #	NP_009058.2
NCBI GenBank Nucleotide #	NP_009058.2
UniProt Accession #	P09327
Molecular Weight	93kDa
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
UniProt Entry Name	VILI_HUMAN

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-vil1-1314-vil1-2376-immunohistochemistry-elisa/215252