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

Villin Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA248135	**Mouse**	**Human, Mouse**	**Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Villin; Monoclonal Antibody; Villin Mouse Monoclonal; VIL; VIL1; villin 1; anti-VIL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3D11
Purity/Purification	Purification: Protein A+G purification Purity: ≥95% as determined by SDS-PAGE
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol, pH 7.3
Sequence Length	6
Applicable Applications for anti-VIL1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Villin 1
Preparation and Storage	-20 degree C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES

WB (Western Blot)
human kidney tissue were subjected to SDS PAGE followed by western blot with AAA248135 (VIL1 antibody) at dilution of 1:1000

IP (Immunoprecipitation)
IP Result of anti-Villin (IP: AAA248135, 4ug; Detection: AAA248135 1:300) with mouse kidney tissue lysate 4000ug.

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using AAA248135 (VIL1 Antibody) at dilution of 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-VIL1 antibody	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 test marker for of various cancer, like cervical and endometrial adenocarcinomas, renal cell carcinoma. VIL1 was recently identified as a novel biomarker predictive for postoperative recurrence and poorer prognosis of high serum AFP associated HCC.

NCBI AND UNIPROT INFORMATION

NCBI GI #	580626
NCBI GeneID	7429
UniProt Accession #	P09327; Q53S11; Q96AC8; B2R9A7
Molecular Weight	Observed MW: 93 kDa
NCBI Official Full Name	Villin, partial
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/villin-antibody-clone-3d11-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/248135