Datasheet for ABIN6940876

Recombinant anti-Villin 1 antibody (AA 179-311)

2 Images

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Overview

Quantity:	100 µg
Target:	Villin 1 (VIL1)
Binding Specificity:	AA 179-311
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Villin 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	A recombinant fragment (around aa179-311) of human Villin protein (exact sequence is proprietary)
Clone:	VIL1-2310R
Isotype:	IgG
Specificity:	Recognizes a protein of 95 kDa, 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

Product Details

	Merkel cells of the skin.
Purification:	Purified by Protein A/G

Target Details

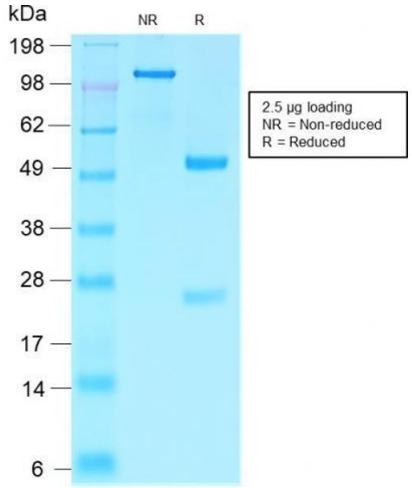
Target:	Villin 1 (VIL1)
Alternative Name:	VIL1 (VIL1 Products)
Molecular Weight:	93kDa
Gene ID:	7429
UniProt:	P09327
Pathways:	EGFR Signaling Pathway, Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Positive Control: A549, HepG2 and HCT116 cells. Colon or Rectum. Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

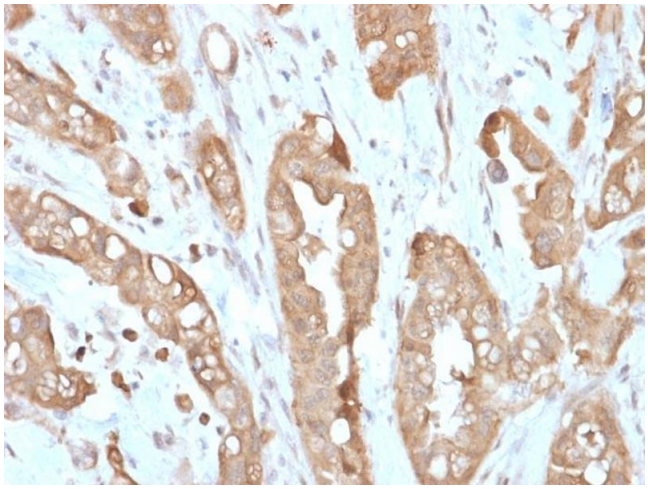
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Villin Rabbit Recombinant Monoclonal Antibody (VIL1/2310R). Confirmation of Integrity and Purity of the Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Small Intestine stained with Villin Rabbit Recombinant Monoclonal Antibody (VIL1/2310R).

