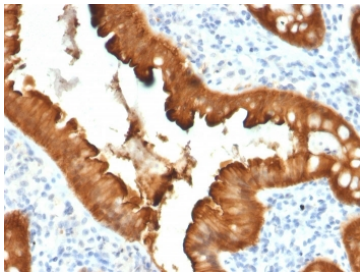
Villin Antibody [clone VIL1/2376] (V8157)

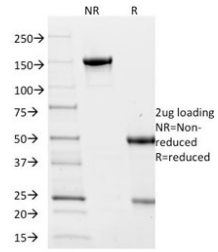
Catalog No.	Formulation	Size
V8157-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8157-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8157SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	VIL1/2376
Purity	Protein G affinity chromatography
UniProt	P09327
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Villin antibody is available for research use only.



IHC staining of FFPE human colon carcinoma with Villin antibody (clone VIL1/2376). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Villin antibody (clone VIL1/2376) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the Villin antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein (amino acids 179-311) was used as the immunogen for this Villin antibody.

Storage

Store the Villin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).