

Villin (ZR155)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant human Villin fragment (around aa179-311)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Villin (ZR155) Rabbit Monoclonal primary antibody detects Villin protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain Villin protein.

Localization: Cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Recognizes a protein of 95 kDa, which is identified as villin. It is a major constituent in microvilli, which compose the brush border of polarized epithelial cells forming absorptive surfaces of the intestinal and renal proximal tubular epithelia. Anti-Villin is thought to label the brush border area in the gastrointestinal mucosal epithelium and urogenital tract. Among neoplasms, villin is predominantly expressed in tumors of colorectal origin. Villin protein is expressed malignant cells from primary and metastatic colorectal carcinomas and Merkel cells of the skin.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Suh N, et al. Mod Pathol. 2005; 18:1217-
2. Tamboli P, et al. Arch Pathol Lab Med. 2002; 126:1057-63.
3. Zhang PJ, et al. Arch Pathol Lab Med. 1999; 123:812-6.



Z2491RL-R/ Z2491RS-R/ Z2491RT-R/ Z2491RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)