

## Rabbit Monoclonal anti-Villin, Clone GR016

60-0170-7	7 mL predilute Antibody, Ready-To-Use
61-0170-2	0.2 mL Concentrate Antibody
Isotype	N/A
Concentration	See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect Villin in normal and neoplastic formalin fixed paraffin embedded (FFPE) tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

### Description

Villin is mainly expressed by epithelial cells of the small and large intestines, ductal cells of the pancreas and biliary system, cells of the proximal renal tubules, and ductuli efferentes of the testis. Villin may be a useful marker of gastrointestinal tumors particularly those from the colon, stomach, and pancreas. Villin may be a useful marker also for some neuroendocrine carcinomas, ovarian adenocarcinomas.

### Reagent provided

This antibody is diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN<sub>3</sub>) as antimicrobial agent.

### Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN<sub>3</sub> may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

### Usage

#### Dilution

60-0170-7: Ready-To-Use

61-0170-2: Dilute 1:50-100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

#### Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

#### Positive control tissue

Small intestine or colonic mucosa

#### Epitope retrieval

HIER, Citrate Buffer pH 6

#### Staining pattern

Membrane and/or Cytoplasm

### Storage

Store at 2-8°C.

### References

1. Moll R, et al. Virchows Arch B Cell Pathol Incl Mol Pathol 1987;54(3):155-69.
2. Arpin M, et al. J Cell Biol. 1988 Nov;107(5):1759-66.
3. Bretscher A, et al. Proc Natl Acad Sci U S A. 1979 May;76(5):2321-5.

### Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

