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Datasheet for ABIN7477617

Recombinant anti-Villin 1 antibody (AA 600-700)

3 Images

Overview

| | |
|----------------------|---|
| Quantity: | 1 mL |
| Target: | Villin 1 (VIL1) |
| Binding Specificity: | AA 600-700 |
| Reactivity: | Human |
| Host: | Rabbit |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Monoclonal |
| Conjugate: | This Villin 1 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC) |

Product Details

| | |
|------------|---|
| Immunogen: | Recombinant fragment (around aa600-700) of human Villin protein (exact sequence is proprietary) |
| Clone: | MSVA-459R |
| Isotype: | IgG |

Target Details

| | |
|-------------------|--|
| Target: | Villin 1 (VIL1) |
| Alternative Name: | Villin (VIL1 Products) |
| Background: | VIL1, Villin-1, Villin1, Villin antibody validated for immunohistochemistry on 76 different Normal |

Target Details

Tissues

UniProt: [P09327](#)

Pathways: [EGFR Signaling Pathway](#), [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: IHC 1:100-1:200

Comment: Positive Control: Colon: A moderate to strong villin staining with predominance of the apical membrane should be seen in all epithelial cells. Liver: A weak to moderate staining of the apical pole of hepatocytes should be seen.
Negative Control: Colon: Villin staining should be absent in all non-epithelial cells.

Protocol: Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

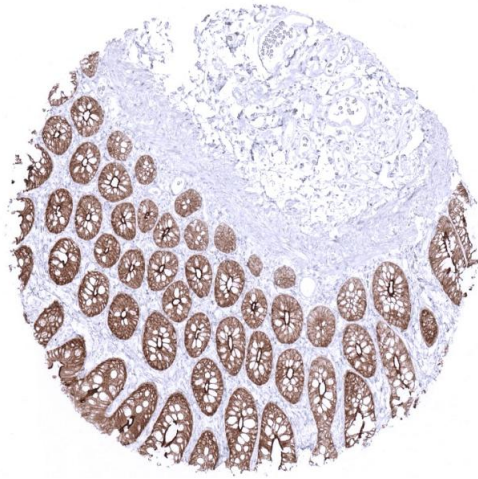
Restrictions: For Research Use only

Handling

Format: Liquid

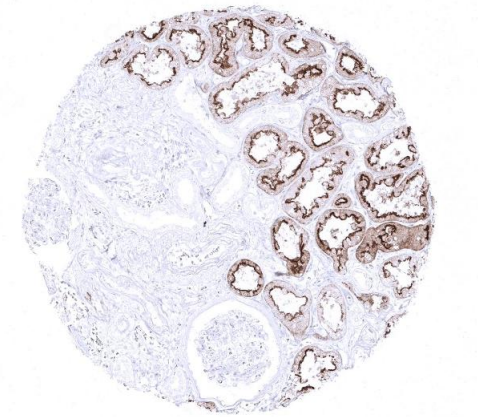
Storage: 4 °C, -20 °C, -80 °C

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.



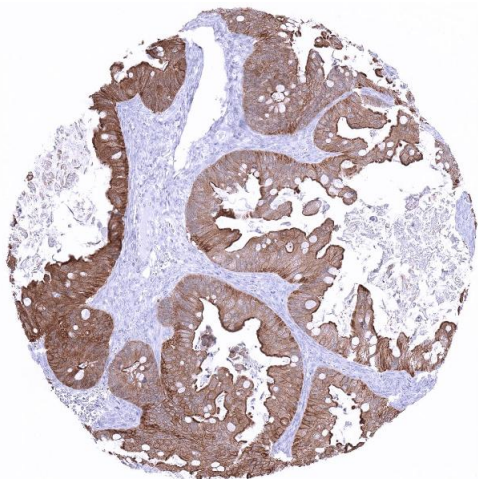
Immunohistochemistry

Image 1. colon descendens mucosa



Immunohistochemistry

Image 2. Kidney cortex



Immunohistochemistry

Image 3. Ovary Mucinous ovarian cancer showing strong villin immunostaining