

## Villin Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150184**

**Company: HaoKeBio**

**Uniprot ID:**P09327

**Organism:**Rabbit

**Species reactivity:**Human

**Predicted Molecular Weight:**93 kDa

**Applications:** IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

### Background:

Villin is a calcium-regulated actin-binding protein with a molecular weight of approximately 93kDa, primarily involved in regulating actin bundle formation. It serves as a major structural component of microvilli in the brush borders of intestinal and renal tubular epithelial cells. In normal tissues, Villin expression is restricted to epithelial cells of the gastrointestinal tract and urinary system. In tumor tissues, Villin is expressed in colorectal carcinoma, hepatocellular carcinoma, endometrial carcinoma, ovarian carcinoma, and lung carcinoma. Villin is commonly used to differentiate metastatic colorectal carcinoma from other primary gastrointestinal cancers.

### Protein full name:

Villin 1

### Synonyms:

VIL1

### Immunogen:

Synthetic peptide corresponding to amino acid residues 600-700 of Villin.

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

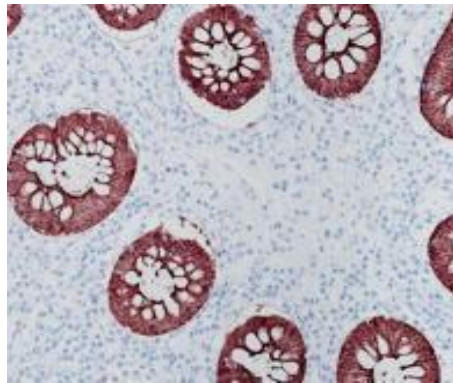
### Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

### Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C - 25 °C) for 30 minutes.

### Images:



Immunohistochemical results of Villin-labeled colon tissue (formalin-fixed, paraffin-embedded sections) using HKZ150184. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

### Source of Reagents:

1. R Moll et al. Histochem Cell Biol (2008) 129:705 - 733.
2. R Moll et al. Cell, Vol. 31, 11-24, November 1982.

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发表[中文论文]请标注: Villin (HKZ150184) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Villin (HKZ150184) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

