

## Vimentin (ABT019) IHC kit

CatalogNo: IHCM6969

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human, Mouse, Rat,

#### Applications

- IHC

#### Isotype

- IgG2b, Kappa

### Recommended Dilution Ratios

### Storage

**Storage\*** 2°C to 8°C/1 year

### Basic Information

**Clonality** Monoclonal

**Clone Number** ABT019

### Immunogen Information

**Immunogen** Synthesized peptide derived from human Vimentin AA range: 400-466

**Specificity** The antibody can specifically recognize human Vimentin protein.

### Target Information

**Gene name** VIM

**Protein Name** ERK5

**Organism**

**Gene ID**

**UniProt ID**

Human

[7431](#);

[P08670](#);

**Cellular Localization**

Cytoplasmic

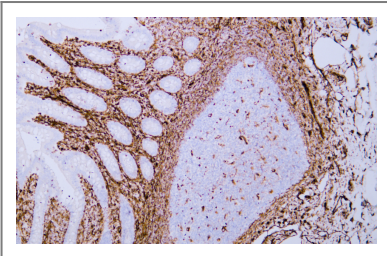
**Tissue specificity**

Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

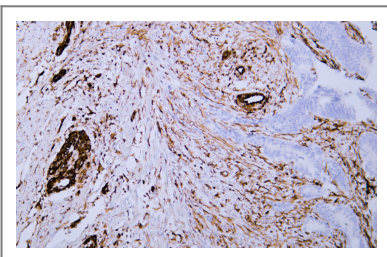
**Function**

Function:Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells.,online information:Vimentin entry,PTM:One of the most prominent phosphoproteins in various cells of mesenchymal origin. Phosphorylation is enhanced during cell division, at which time vimentin filaments are significantly reorganized.,sequence Caution:Intron retention.,similarity:Belongs to the intermediate filament family.,subunit:Homopolymer. Interacts with HCV core protein. Interacts with LGSN and SYNM.,tissue specificity:Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.,

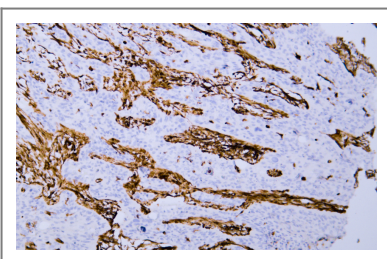
## Validation Data



Human appendix tissue was stained with Anti-Vimentin (ABT019) Antibody



Human colon carcinoma tissue was stained with Anti-Vimentin (ABT019) Antibody



Human esophageal squamous cell carcinoma tissue was stained with Anti-Vimentin (ABT019) Antibody

## | Contact information

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Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code  
to access additional  
product information:  
**Vimentin (ABT019)**  
**IHC kit**

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For Research Use Only. Not for Use in Diagnostic Procedures.

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