

## Recombinant Keratin 17 Monoclonal Antibody

catalog number: **AN301576L**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

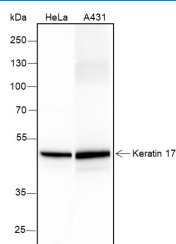
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                           |
| <b>Immunogen</b>    | Recombinant human Keratin 17 fragment                           |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | IgG, κ                                                          |
| <b>Clone</b>        | C321199                                                         |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

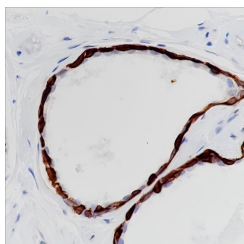
|            |               |
|------------|---------------|
| <b>WB</b>  | 1:1000-1:5000 |
| <b>IHC</b> | 1:200-1:1000  |
| <b>IP</b>  | 1:25-1:100    |

### Data

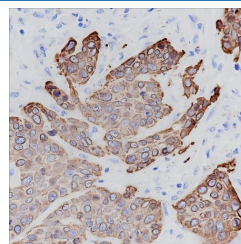


Western Blot with Keratin 17 Monoclonal Antibody at dilution of 1:5000. Lane 1: HeLa, Lane 2: A431

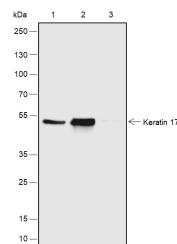
**Observed-MW:48 kDa**  
**Calculated-MW:48 kDa**



Immunohistochemistry of paraffin-embedded Human prostate hyperplasia using Keratin 17 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human cervical cancer using Keratin 17 Monoclonal Antibody at dilution of 1:1000.



Immunoprecipitation analysis using anti-Keratin 17 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using Keratin 17 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: Keratin 17 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

**Observed-MW:48 kDa**  
**Calculated-MW:48 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.1

## Background

Type I keratin involved in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair (By similarity). Regulates protein synthesis and epithelial cell growth through binding to the adapter protein SFN and by stimulating Akt/mTOR pathway (By similarity).

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