

## LI Cadherin/Cadherin-17 Monoclonal Antibody

**CAB5286**

### Description

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This LI Cadherin/Cadherin-17 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB5286

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** HPT1, CDH16, HPT-1, LI Cadherin/Cadherin-17

**Clone:** ARC1989

**Applications:** WB IHC-P ELISA IF-P

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 1015

**Uniprot:** AB\_2863498

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 120kDa

**Calculated MW:** 92kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

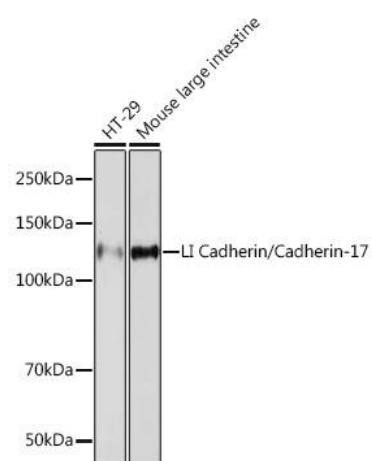
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HT-29 cells, Mouse large intestine

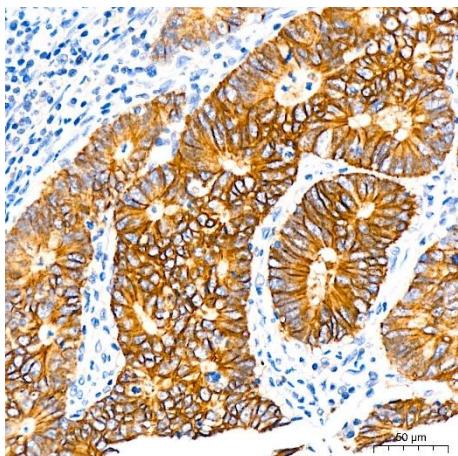
<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td><td>1:1000 - 1:2000</td></tr> <tr> <td><b>IF-P</b></td><td>1:100 - 1:1000</td></tr> <tr> <td><b>IHC-P</b></td><td>1:200 - 1:2000</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>WB</b>	1:1000 - 1:2000	<b>IF-P</b>	1:100 - 1:1000	<b>IHC-P</b>	1:200 - 1:2000	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.								

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

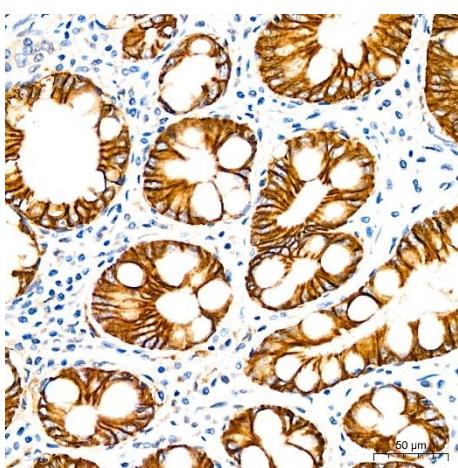
## Validation Data



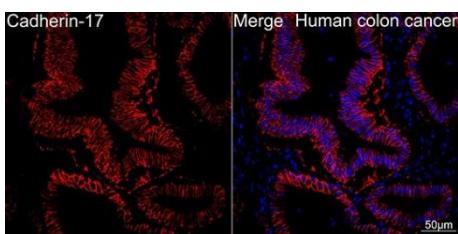
Western blot analysis of various lysates using LI Cadherin/Cadherin-17 Rabbit mAb (CAB5286) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



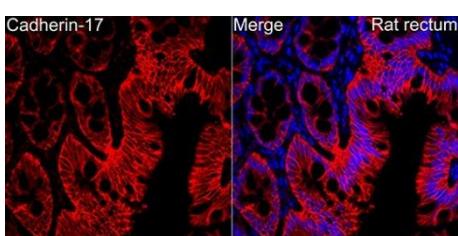
Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using LI Cadherin/Cadherin-17 Rabbit mAb (CAB5286) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using LI Cadherin/Cadherin-17 Rabbit mAb (CAB5286) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of Human colon cancer using LI Cadherin/Cadherin-17 Rabbit mAb (CAB5286, dilution 1:100)(Red). DAPI was used for nuclear staining (blue). Objective: 40x.



Immunofluorescence analysis of paraffin-embedded rat rectum using LI Cadherin/Cadherin-17 Rabbit mAb (CAB5286) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.