

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human Cadherin-17 in Western blots. In Western blots, less than 1% cross-reactivity with recombinant human (rh) Cadherin-8, rhE-Cadherin, rhP-Cadherin, and rhVE-Cadherin is observed. |
| Source | Polyclonal Goat IgG |
| Purification | Antigen Affinity-purified |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant human Cadherin-17 Gln23-Met787 Accession # CAA58231 |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details. |

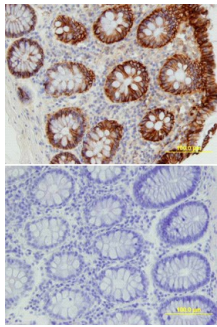
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

| | Recommended Concentration | Sample |
|-----------------------------|----------------------------------|-------------------------------|
| Western Blot | 0.1 µg/mL | Recombinant Human Cadherin-17 |
| Immunohistochemistry | 5-15 µg/mL | See Below |

DATA

Immunohistochemistry



Cadherin-17 in Human Colon. Cadherin-17 was detected in immersion fixed paraffin-embedded sections of human colon array using Goat Anti-Human Cadherin-17 Biotinylated Antigen Affinity-purified Polyclonal Antibody (Catalog # BAF1032) at 25 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). Lower panel shows a lack of labeling if primary antibodies are omitted and tissue is stained only with secondary antibody followed by incubation with detection reagents. View our protocol for [Chromogenic IHC Staining of Paraffin-embedded Tissue Sections](#).

PREPARATION AND STORAGE

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|--------------------------------|---|
| Reconstitution | Reconstitute at 0.2 mg/mL in sterile PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. |
| Stability & Storage | <p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

BACKGROUND

Cadherin-17, also known as liver-intestine (LI) Cadherin, belongs to the cadherin family of calcium-dependent cell adhesion molecules. It associates homotypically and is selectively expressed on gastric and intestinal mucosa.