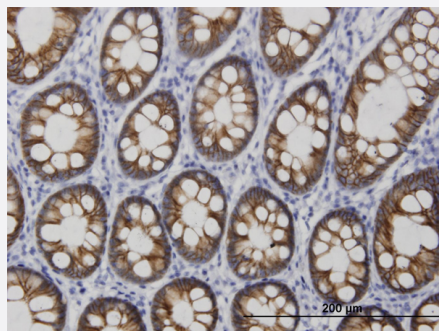


# CDH17 monoclonal antibody (M03), clone 3H2

Catalog # H00001015-M03

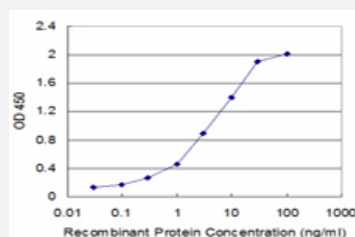
Size 100 ug

## Applications



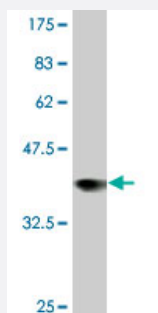
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CDH17 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDH17 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.62 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant CDH17.

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>                     | CDH17 (NP_004054, 24 a.a. ~ 131 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | EGKFSGPLKPMFTFSYEGQEPSQIIFQFKANPPAVTFELTGETDNIFVIEREGLLYNRLDRETRST<br>HNLQVAALDANGIVEGPVPITIEVKDINDNRPTFLQSKY     |
| <b>Host</b>                          | Mouse                                                                                                             |
| <b>Reactivity</b>                    | Human                                                                                                             |
| <b>Interspecies Antigen Sequence</b> | Mouse (84); Rat (83)                                                                                              |
| <b>Isotype</b>                       | IgG1 Kappa                                                                                                        |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.62 KDa) .          |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                 |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                          |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CDH17 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDH17 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CDH17

Entrez GeneID

[1015](#)

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GeneBank Accession# | <a href="#">NM_004063</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Accession#  | <a href="#">NP_004054</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Name           | CDH17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Alias          | CDH16, FLJ26931, HPT-1, HPT1, MGC138218, MGC142024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | cadherin 17, LI cadherin (liver-intestine)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Omim ID             | <a href="#">603017</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Summary        | <p>This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. [provided by RefSeq]</p> |
| Other Designations  | HPT-1 cadherin LI cadherin cadherin 17 cadherin-16 human intestinal peptide-associated transporter HPT-1 human peptide transporter 1 liver-intestine cadherin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Publication Reference

- [The contribution of cell phenotype to the behavior of gastric cancer.](#)

Solcia E, Klersy C, Vanoli A, Grillo F, Manca R, Tava F, Luinetti O, Fiocca R.

Gastric Cancer 2013 Jan; 16(4):462.

Application: IHC-P, Human, Human gastric cancer

## Disease

- [Depressive Disorder](#)