

**CDH17 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant CDH17.

Catalog # AT1472a

**Specification****CDH17 Antibody (monoclonal) (M01) - Product Information**

Application	WB, IHC, E
Primary Accession	<a href="#">Q12864</a>
Other Accession	<a href="#">NM_004063</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	92219

**CDH17 Antibody (monoclonal) (M01) - Additional Information****Gene ID 1015****Other Names**

Cadherin-17, Intestinal peptide-associated transporter HPT-1, Liver-intestine cadherin, LI-cadherin, CDH17

**Target/Specificity**

CDH17 (NP\_004054, 24 a.a. ~ 131 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

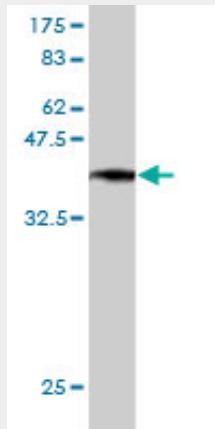
CDH17 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

**CDH17 Antibody (monoclonal) (M01) - Protocols**

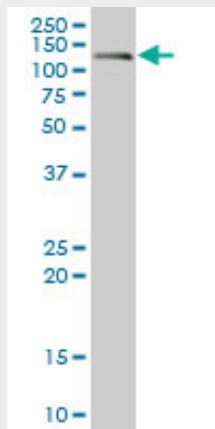
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

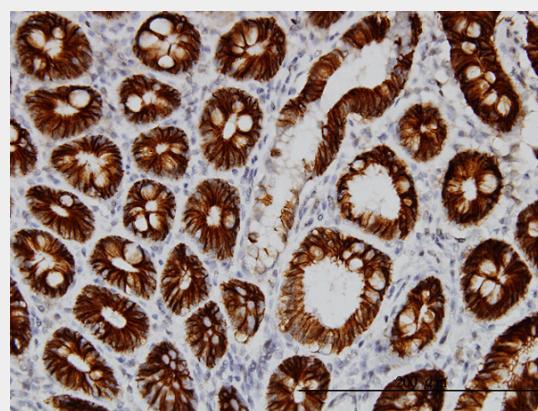
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CDH17 Antibody (monoclonal) (M01) - Images**

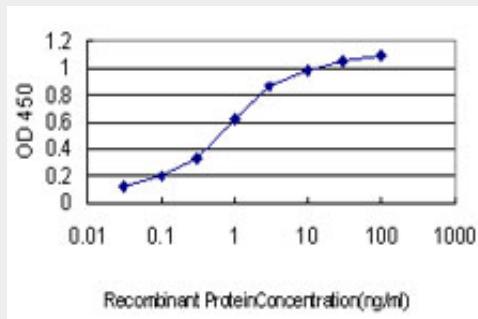
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .



CDH17 monoclonal antibody (M01), clone 1H3. Western Blot analysis of CDH17 expression in human intestinal wall.



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



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

### **CDH17 Antibody (monoclonal) (M01) - Background**

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.

### **CDH17 Antibody (monoclonal) (M01) - References**

1. Comparison of cadherin-17 expression between primary colorectal adenocarcinomas and their corresponding metastases: the possibility of a diagnostic marker for detecting the primary site of metastatic tumour. Park JH, Seol JA, Choi HJ, Roh YH, Choi PJ, Lee KE, Roh MS. *Histopathology*. 2011 Jan;58(2):315-8. doi: 10.1111/j.1365-2559.2011.03746.x. 2. Cadherin-17 is a useful diagnostic marker for adenocarcinomas of the digestive system. Su MC, Yuan RH, Lin CY, Jeng YM. *Mod Pathol*. 2008 Nov;21(11):1379-86. Epub 2008 Jun 13.