

## Datasheet

### CDH17 monoclonal antibody (M01), clone 1H3

**Catalog Number:** H00001015-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant CDH17.

**Clone Name:** 1H3

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

**Sequence:**

EGKFSGPLKPMTFSIYEGQEPSQIIFQFKANPPAVTFEL  
TGETDNIFVIEREGLLYNRALDRETRSTHNLQVAALD  
ANGIIVEGVPITIEVKDINDNRPTFLQSKY

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, S-ELISA, WB-Re, WB-Ti  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 1015

**Gene Symbol:** CDH17

**Gene Alias:** CDH16, FLJ26931, HPT-1, HPT1, MGC138218, MGC142024

**Gene Summary:** 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]

**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.