

## Datasheet

### CDH17 monoclonal antibody (M03), clone 3H2

**Catalog Number:** H00001015-M03

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

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

**Clone Name:** 3H2

**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  
TGTDNIFVIEREGLLYNRALDRETRSTHNLQVAALD  
ANGIIVEGVPITIEVKDINDNRPTFLQSKY

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, S-ELISA, WB-Re  
(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. 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 18. [Epub ahead of print]