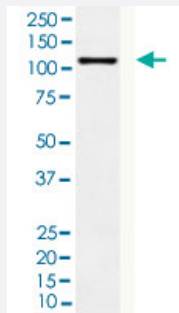


# CDH17 monoclonal antibody, clone AFFC-3

Catalog # MAB22278      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HT-29 cell lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human CDH17.
<b>Immunogen</b>	A synthetic peptide corresponding to human CDH17.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	The antibody reacts with human CDH17, in native form and recombinant. Superfamily members of CDH17 are not reactive to this antibody.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at 4°C for short term storage. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of HT-29 cell lysate.

- Immunohistochemistry

- Immunoprecipitation

## Gene Info — CDH17

**Entrez GeneID**[1015](#)**Protein Accession#**[Q12864](#)**Gene Name**

CDH17

**Gene Alias**

CDH16, FLJ26931, HPT-1, HPT1, MGC138218, MGC142024

**Gene Description**

cadherin 17, LI cadherin (liver-intestine)

**Omim ID**[603017](#)**Gene Ontology**[Hyperlink](#)**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]

**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

## Disease

- [Depressive Disorder](#)