10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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	Q12864
Other Accession	NM_004063
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

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

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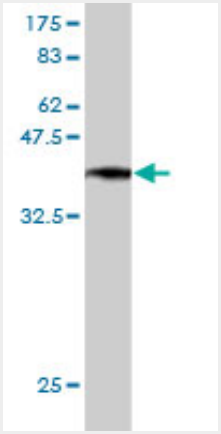
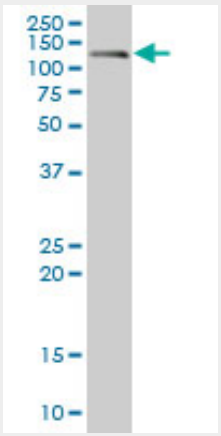
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

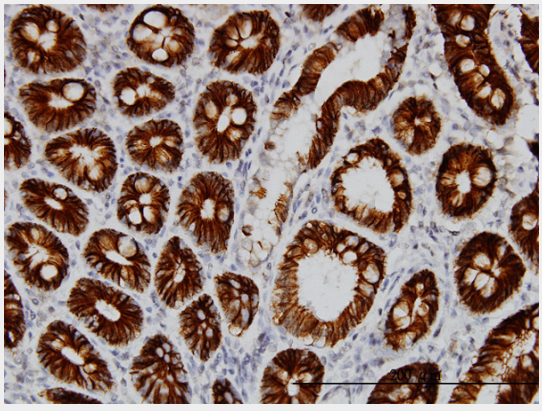
CDH17 Antibody (monoclonal) (M01) - Images



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

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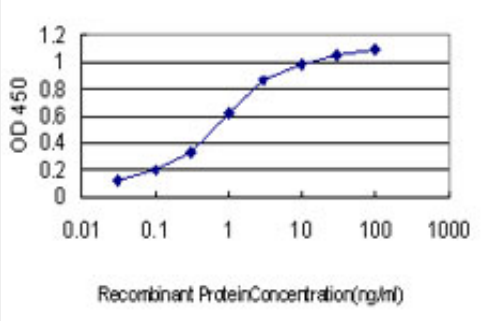
human small Intestine. [antibody concentration 3 ug/ml]



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.