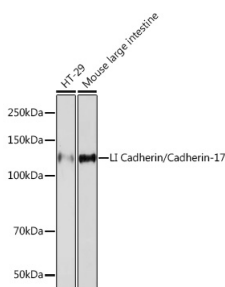


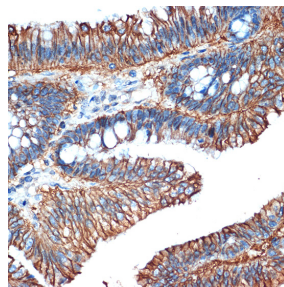
<b>Cat. No:</b>	MAB-94763
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	ARC1989
<b>Concentration:</b>	1 mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LI Cadherin/Cadherin-17
<b>Reactivity:</b>	Human; Mouse; Rat
<b>Applications:</b>	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
<b>Molecular Weight:</b>	120 kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	CDH16; HPT-1; HPT1

**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.

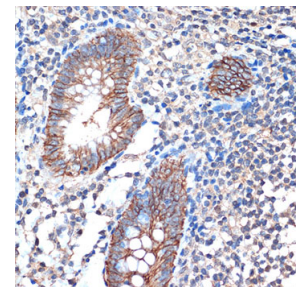
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using LI Cadherin/Cadherin-17 Rabbit mAb at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-

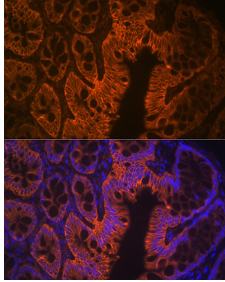


Immunohistochemistry of paraffinembedded human colon carcinoma using LI Cadherin/Cadherin-17 Rabbit mAb at dilution of 1:100 (40x lens).Perform microwave antigen



Immunohistochemistry of paraffinembedded human appendix using LI Cadherin/Cadherin-17 Rabbit mAb at dilution of 1:100 (40x lens).Perform microwave antigen

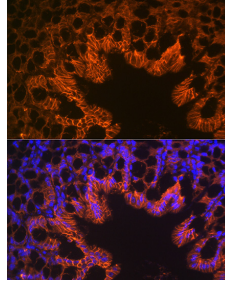
Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in  
TBST.  
Detection: ECL West Pico Plus.  
Exposure time: 90s.



Immunofluorescence analysis of rat  
rectum using LI Cadherin/Cadherin-17  
Rabbit mAb at dilution of 1:100 (40x  
lens).

Blue: DAPI for nuclear staining.

retrieval with 10 mM Tris/EDTA buffer pH  
9.0 before commencing with IHC staining  
protocol.



Immunofluorescence analysis of mouse  
large intestine using LI  
Cadherin/Cadherin-17 Rabbit mAb  
at dilution of 1:100 (40x lens). Blue: DAPI  
for nuclear staining.

retrieval with 10 mM Tris/EDTA buffer pH  
9.0 before commencing with IHC staining  
protocol.

#### References:

Product: LI Cadherin/Cadherin-17 Rabbit mAb

Journal: Biomaterials research

Application: WB

IF: 15.86

Species: Homo sapiens

PMID: [36435809](https://pubmed.ncbi.nlm.nih.gov/36435809/)

Title: CDH17 nanobodies facilitate rapid imaging of gastric cancer and efficient delivery of immunotoxin - PMC