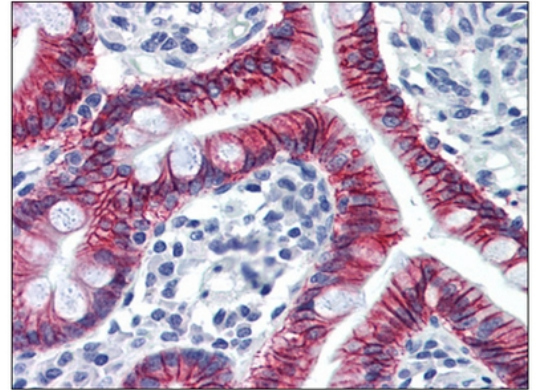


AM31736PU-N**Monoclonal Antibody to Cadherin-17 (24-132) - Purified**

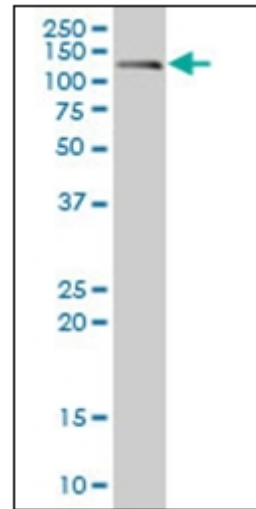
Alternate names:	CDH17, HPT-1, HPT1, Intestinal peptide-associated transporter HPT-1, Liver-intestine cadherin
Quantity:	50 µg
Concentration:	0.4 mg/ml
Background:	The cadherins are a family of Ca ⁺⁺ -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including catenin beta, to regulate cadherin function. LI-cadherin (for liver-intestine-cadherin) expression is restricted to liver and intestine tissues and is specifically localized to the basolateral domain of hepatocytes and enterocytes.
Uniprot ID:	Q12864
NCBI:	NP_001138135
GeneID:	1015
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	1H3
Immunogen:	CDH17 antibody was raised against CDH17 (NP_004054, 24 a.a. ~ 132 a.a) partial recombinant protein with GST tag. Remarks: MW of the GST tag alone is 26 KDa.
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: PBS, pH 7.4
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Cadherin-17 at aa 24-132.
Species Reactivity:	Tested: Human
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blot analysis of CDH17 expression in human intestinal wall.



Detection limit for recombinant GST tagged CDH17 is approximately 0.03ng/ml as a capture antibody.

