

## 12-9618: Anti-CDH17 antibody(5F5), IgG1 Chimeric mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	5F5
<b>Reactivity :</b>	Human
<b>Gene :</b>	CDH17
<b>Uniprot ID :</b>	Q12864
<b>Alternative Name :</b>	CDH16;HPT-1;HPT1
<b>Isotype :</b>	Rabbit/Human Fc chimeric IgG1

### Description

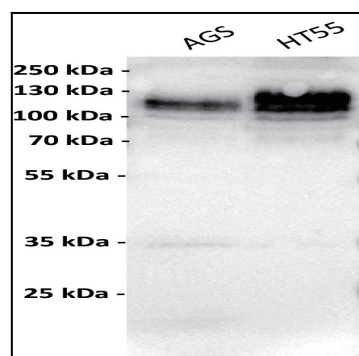
This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. 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, Jan 2009]

### Product Info

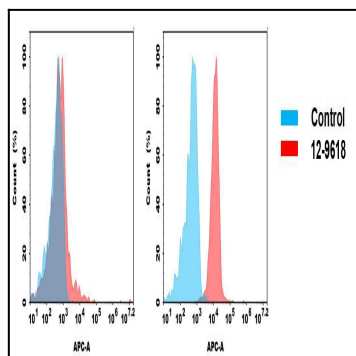
<b>Amount :</b>	10µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage condition :</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

### Application Note

WB 1:1000; Flow Cyt 1:100



"Figure 1. Anti-CDH17 antibody (SKU# 12-9618) at 1/1000 dilution Lane 1: AGS, whole cell lysate Lane 2: HT55, whole cell lysate Secondary : Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution Predicted band size: 92 kDa Observed band size: 120 kDa"



"Figure 2. Flow cytometry analysis of antigen binding of anti-human CDH17 mAb(12-9618). (A) 12-9618 does not bind to 293T cells that do not express CDH17 (B) A clear peak shift of 12-9618 was seen compared to the control when incubated with CDH17 -expressing HT55 cells, indicating strong binding of 12-9618 to CDH17. Antibodies were incubated at 2µg/mL. "