

PRODUCT INFORMATION

Clone ID	5F5
Target	CDH17
Synonyms	CDH16;HPT-1;HPT1
Host Species	Rabbit
Description	Anti-CDH17 antibody(5F5), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q12864
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	WB; Flow Cyt
Recommended Dilutions	WB 1:1000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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.
Storage & Shipping	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.
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. [provided by RefSeq, Jan 2009]
Usage	Research use only
Conjugate	Unconjugated



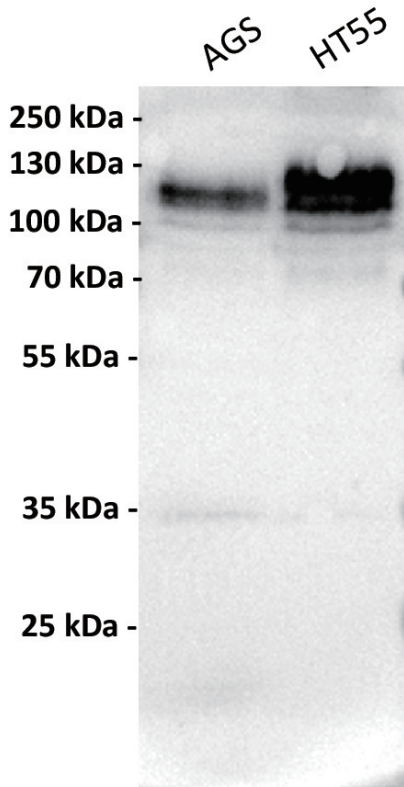


Figure 1. Anti-CDH17 antibody (SKU# DMC100637) at 1/1000 dilution

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

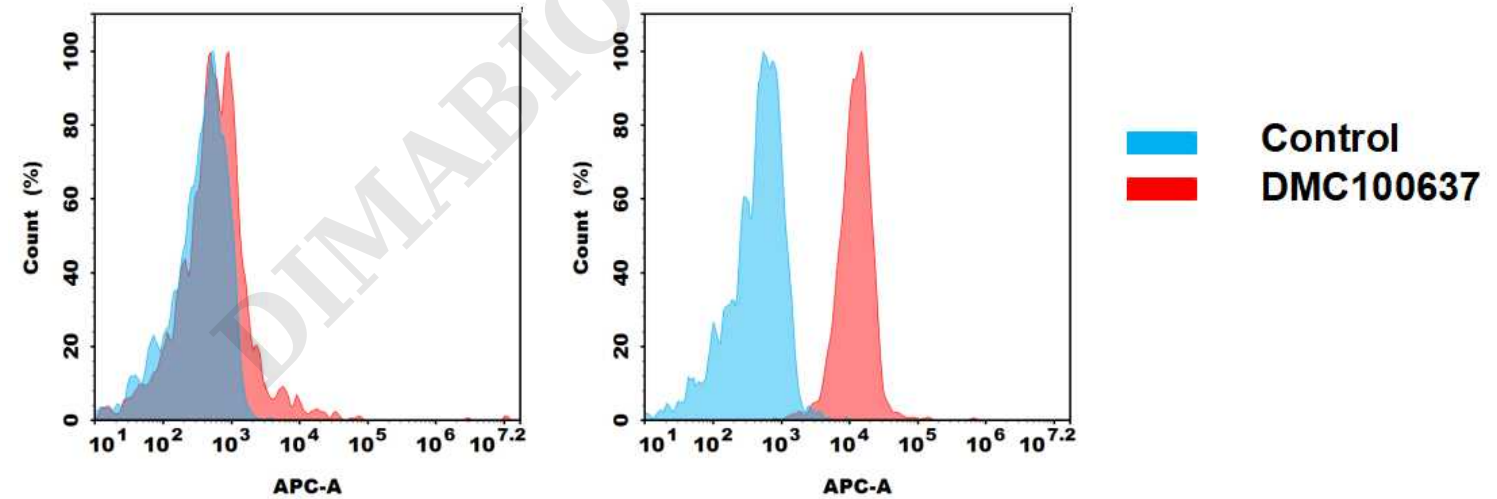


Figure 2. Flow cytometry analysis of antigen binding of anti-human CDH17 mAb(DMC100637).

(A) DMC100637 does not bind to 293T cells that do not express CDH17

(B) A clear peak shift of DMC100637 was seen compared to the control when incubated with CDH17 -expressing HT55 cells, indicating strong binding of DMC100637 to CDH17.

Antibodies were incubated at 2ug/mL.

