

## Mouse Monoclonal Antibody to CDH17

<b>Catalogue Number</b>	sAP-1083
<b>Target Molecule</b>	<b>Name:</b> CDH17 <b>Aliases:</b> HPT1; CDH16; HPT-1 <b>MW:</b> 92.2kDa <b>Entrez Gene ID: 1015</b>
<b>Description</b>	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>Immunogen</b>	Purified recombinant fragment of human CDH17 (AA: extra(600-707)) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM7D10E1;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cancer Biol Ther. 2013 Mar;14(3):262-70.; 2. Mod Pathol. 2008 Nov;21(11):1379-86.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**