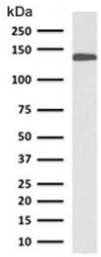
CDH17 Antibody / Cadherin 17 [clone CDN17-1] (V7871)

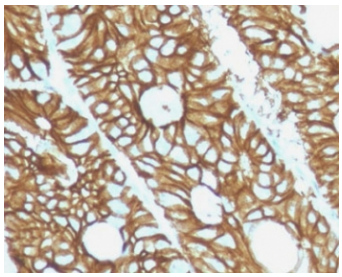
Catalog No.	Formulation	Size
V7871-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7871-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7871SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	CDN17-1
Purity	Protein G affinity chromatography
UniProt	Q12864
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This CDH17 antibody is available for research use only.



Western blot testing of human small intestine lysate with CDH17 antibody (clone CDN17-1). Predicted molecular weight ~92 kDa but may be observed at higher molecular weights due to glycosylation.



IHC staining of FFPE human colon with CDH17 antibody (clone CDN17-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

Description

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. LI-cadherin (Cadherin 17, CDH17) may have a role in the morphological organization of liver and intestine. Involved in intestinal peptide transport. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the CDH17 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 242-418 were used as the immunogen for the CDH17 antibody.

Storage

Store the CDH17 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).