

For Research Use Only

# Cadherin-17 Recombinant antibody, PBS Only

Catalog Number:83793-5-PBS



## Basic Information

<b>Catalog Number:</b> 83793-5-PBS	<b>GenBank Accession Number:</b> BC113464	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1015	<b>CloneNo.:</b> 240681B11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q12864	
<b>Isotype:</b> IgG	<b>Full Name:</b> cadherin 17, LI cadherin (liver- intestine)	
<b>Immunogen Catalog Number:</b> AG19488	<b>Calculated MW:</b> 832 aa, 92 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF-P, ELISA

**Species Specificity:**  
human, mouse

## Background Information

Cadherin-17, also known as LI-cadherin, is a member of the cadherin superfamily. Cadherins are transmembrane proteins that mediate cell-cell adhesion, play important roles during embryogenesis, and is crucial for tissue morphogenesis and maintenance. Cadherin-17 is a component of the gastrointestinal tract and pancreatic ducts and is involved in intestinal peptide transport. It may also play a role in the morphological organization of liver and intestine.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

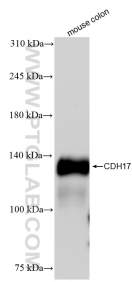
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

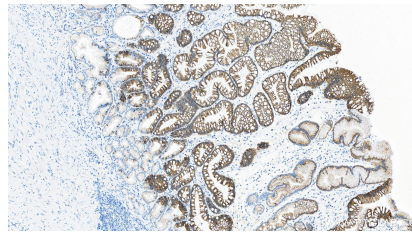
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

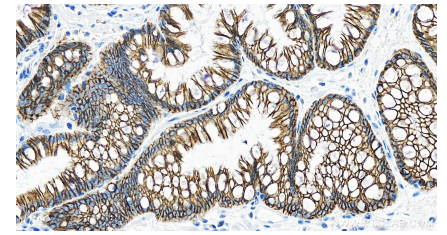
## Selected Validation Data



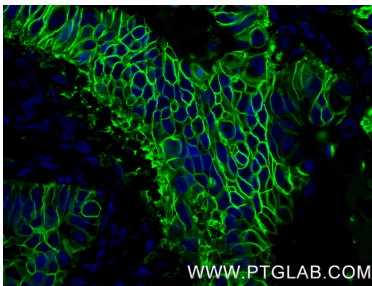
mouse colon tissue was subjected to SDS PAGE followed by western blot with 83793-5-RR (Cadherin-17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83793-5-PBS in a different storage buffer formulation.



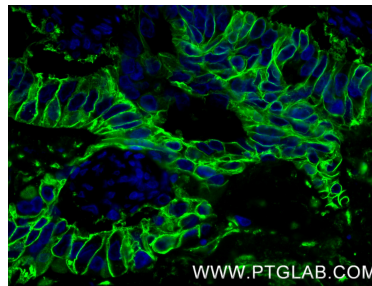
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83793-5-RR (Cadherin-17 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83793-5-PBS in a different storage buffer formulation.



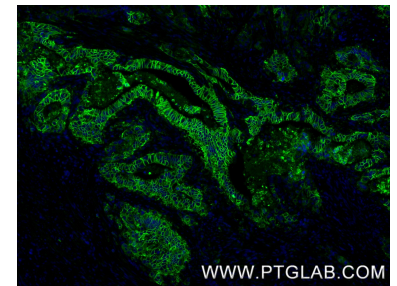
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83793-5-RR (Cadherin-17 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83793-5-PBS in a different storage buffer formulation.



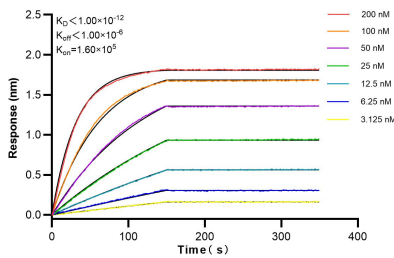
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human stomach cancer tissue using Cadherin-17 antibody (83793-5-RR, Clone: 240681B11) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83793-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human stomach cancer tissue using Cadherin-17 antibody (83793-5-RR, Clone: 240681B11) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83793-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human stomach cancer tissue using Cadherin-17 antibody (83793-5-RR, Clone: 240681B11) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83793-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83793-5-RR against Human Cadherin-17 were performed. The affinity constant is below 1 pM.