

For Research Use Only

Cadherin-17 Monoclonal antibody

Catalog Number: 60351-1-Ig **1 Publications**



Basic Information

Catalog Number: 60351-1-Ig	GenBank Accession Number: BC113464	Purification Method: Protein G purification
Size: 150ul, Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1015	CloneNo.: 3B10A9
Source: Mouse	UNIPROT ID: Q12864	Recommended Dilutions: WB 1:2000-1:20000 IHC 1:16000-1:64000 IF 1:200-1:800
Isotype: IgG1	Full Name: cadherin 17, LI cadherin (liver-intestine)	
Immunogen Catalog Number: AG19488	Calculated MW: 832 aa, 92 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, pig

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human colon tissue, pig colon tissue

IHC : human colon tissue, human colon cancer tissue, human pancreas cancer tissue, human stomach cancer tissue

IF : human colon cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Jiao Xu	38244703	Biochim Biophys Acta Gen Subj	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

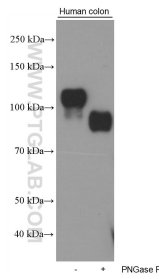
For technical support and original validation data for this product please contact:

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

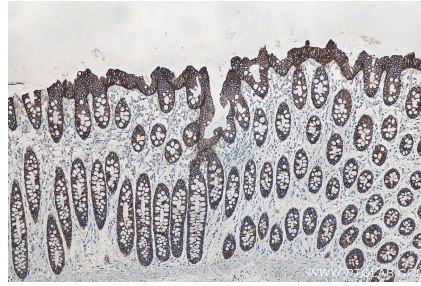
E: proteintech@ptglab.com
W: ptglab.com

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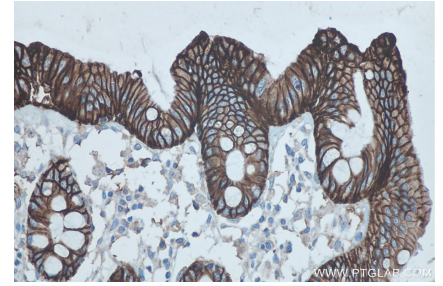
Selected Validation Data



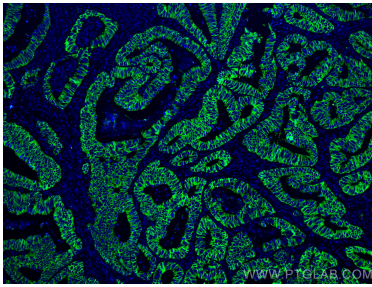
Untreated and PNGase F-treated lysates of human colon tissue were subjected to SDS PAGE followed by western blot with 60351-1-Ig (Cadherin-17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



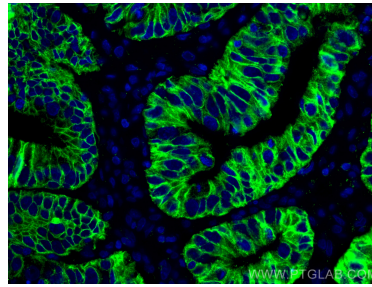
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 60351-1-Ig (Cadherin-17 antibody) at dilution of 1:32000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 60351-1-Ig (Cadherin-17 antibody) at dilution of 1:32000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using Cadherin-17 antibody (60351-1-Ig, Clone: 3B10A9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using Cadherin-17 antibody (60351-1-Ig, Clone: 3B10A9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).