

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 ug/ml by Nanodrop and 1000 ug/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 1:500-1:2000 IF-P 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: WB, IHC, IF-P, ELISA	Positive Controls:
Cited Applications: IHC	WB : human colon tissue, pig colon tissue
Species Specificity: human, pig	IHC : human colon cancer tissue, human colon tissue, human pancreas cancer tissue, human stomach cancer tissue
Cited Species: human	IF-P : human colon cancer tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

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

Storage

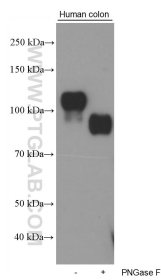
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

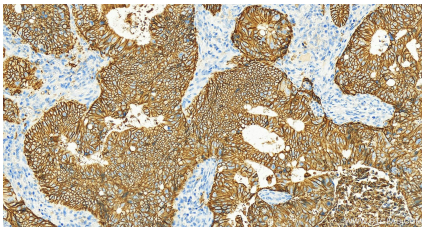
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

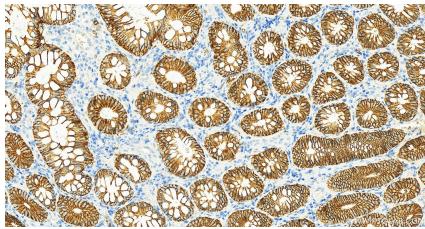
Selected Validation Data



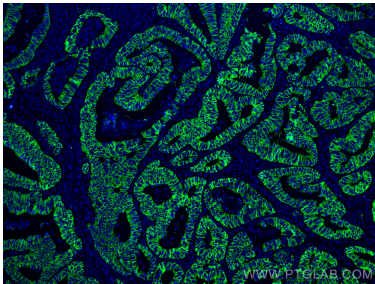
Untreated and PNGase F-treated lysates of human colon tissue were subjected to SDS PAGE followed by western blot with 60351-1-Ig (Cadherin-17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



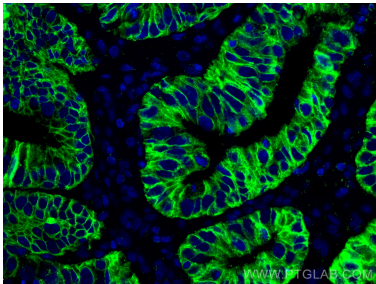
Immunohistochemical analysis of paraffin-embedded colon cancer slide using 60351-1-Ig (Cadherin-17 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



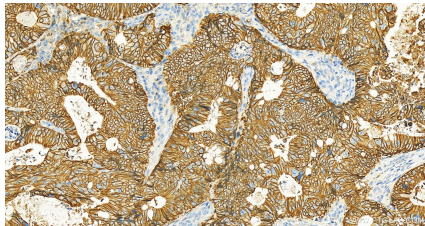
Immunohistochemical analysis of paraffin-embedded colon cancer slide using 60351-1-Ig (Cadherin-17 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



Immunohistochemical analysis of paraffin-embedded colon cancer slide using 60351-1-Ig (Cadherin-17 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).