

For Research Use Only

P-cadherin Recombinant monoclonal antibody

Catalog Number: 86776-1-RR



Basic Information

Catalog Number: 86776-1-RR	GenBank Accession Number: NM_001793.5	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1001	CloneNo.: 251775F5
Source: Rabbit	UNIPROT ID: P22223-1	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: cadherin 3, type 1, P-cadherin (placental)	
Immunogen Catalog Number: EG5236	Calculated MW: 91 kDa Observed MW: 120 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : A431 cells, HaCaT cells, HCT 116 cells, mouse embryo tissue IF/ICC : A431 cells,

Background Information

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. P-cadherin (placental cadherin), also known as CDH3 (cadherin 3), is a classical member of the cadherin superfamily which also include E-, N-, R-, and B-cadherins. Aberrant expression of P-cadherin has been reported in many cancers, including breast, gastric, endometrial, ovarian, and prostate cancer.

Storage

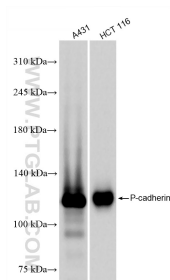
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

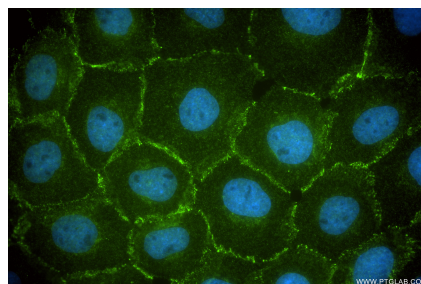
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86776-1-RR (CDH3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using P-cadherin antibody (86776-1-RR, Clone: 251775F5) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).