

For Research Use Only

P-cadherin Monoclonal antibody, PBS Only



Catalog Number: 66295-1-PBS

Basic Information

Catalog Number: 66295-1-PBS	GenBank Accession Number: BC041846	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1001	CloneNo.: 1G10F7
Source: Mouse	UNIPROT ID: P22223	
Isotype: IgG1	Full Name: cadherin 3, type 1, P-cadherin (placental)	
Immunogen Catalog Number: AG4758	Calculated MW: 829 aa, 91 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, FC, IHC, Indirect ELISA

Species Specificity:
human

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

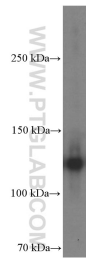
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

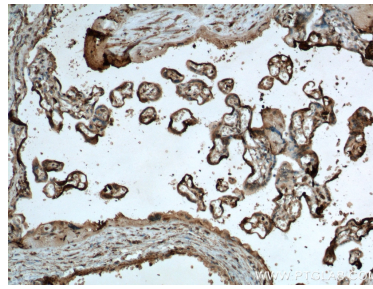
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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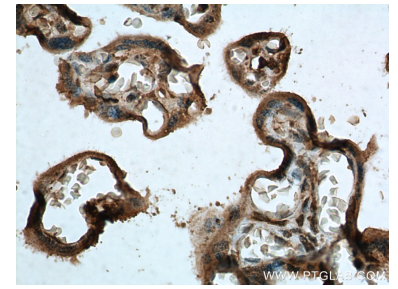
Selected Validation Data



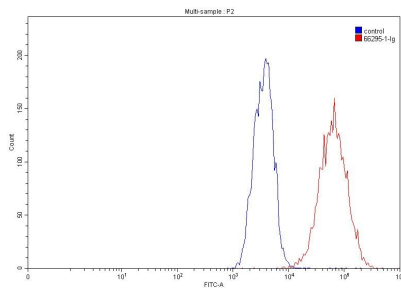
A431 cells were subjected to SDS PAGE followed by western blot with 66295-1-Ig (P-cadherin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66295-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66295-1-Ig (P-cadherin antibody) at dilution of 1:250 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66295-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66295-1-Ig (P-cadherin antibody) at dilution of 1:250 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66295-1-PBS in a different storage buffer formulation.



1X10⁶ A431 cells were stained with 0.20ug P-cadherin antibody (66295-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH. This data was developed using the same antibody clone with 66295-1-PBS in a different storage buffer formulation.