

For Research Use Only

# P-cadherin Monoclonal antibody, PBS Only



Catalog Number: 66295-1-PBS

## Basic Information

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

## Applications

**Tested Applications:**  
WB, 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

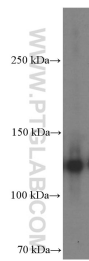
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

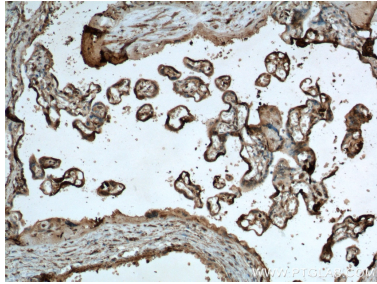
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

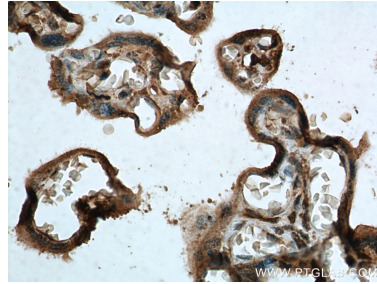
## Selected Validation Data



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.