

For Research Use Only

P-cadherin Monoclonal antibody, PBS Only



Catalog Number: 66295-1-PBS

Basic Information

Catalog Number:

66295-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4758

GenBank Accession Number:

BC041846

GeneID (NCBI):

1001

UNIPROT ID:

P22223

Full Name:

cadherin 3, type 1, P-cadherin (placental)

Calculated MW:

829 aa, 91 kDa

Observed MW:

120 kDa

Purification Method:

Protein G purification

CloneNo.:

1G10F7

Applications

Tested Applications:

WB, Indirect ELISA, IHC, FC

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:

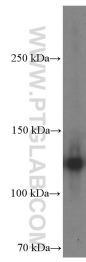
T: 4006900926

E: Proteintech-CN@ptglab.com

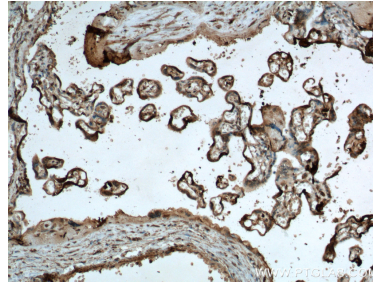
W: ptgcn.com

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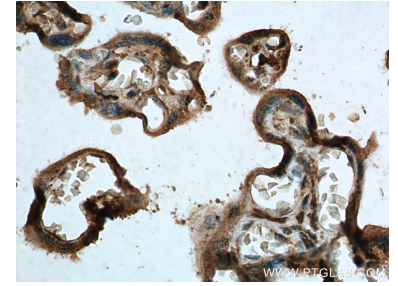
Selected Validation Data



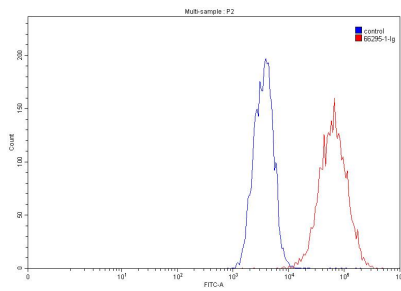
A431 cells were subjected to SDS PAGE followed by western blot with 66295-1-Ig (P-cadherin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66295-1-PBS in a different storage buffer formulation.



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.