

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66295-1-Ig	<b>GenBank-Zugangsnummer:</b> BC041846	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1700 µg/ml von1001 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> cadherin 3, type 1, P-cadherin (placental)	<b>CloneNo.:</b> 1G10F7
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 829 aa, 91 kDa	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Beobachtete Masse:</b> 120 kDa	
<b>Immunogen Katalognummer:</b> AG4758		

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IHC, WB,ELISA	<b>Positivkontrollen:</b> WB : A431-Zellen, IHC : humanes Plazenta-Gewebe,
<b>Getestete Reaktivität:</b> Human	
<b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

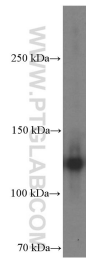
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

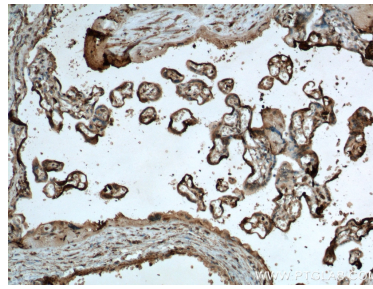
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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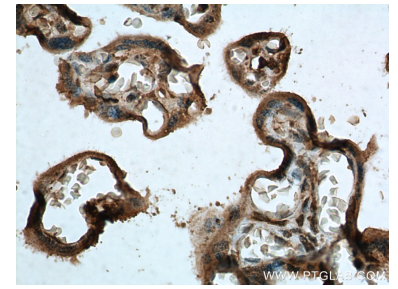
## Ausgewählte Validierungsdaten



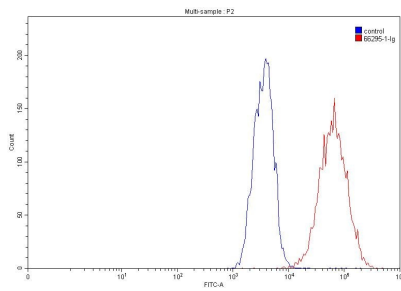
A431 cells were subjected to SDS PAGE followed by western blot with 66295-1-Ig (P-cadherin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



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).



$1 \times 10^6$  A431 cells were stained with 0.20ug P-cadherin antibody (66295-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.