

# Nectin-4/PVRL4 Polyklonaler Antikörper

Katalog-Nr.: 21903-1-AP

3 Publikationen

## Allgemeine Informationen

### Katalog-Nr.:

21903-1-AP

### Größe:

150ul, Konzentration: 850 µg/ml von Nanodrop und 407 µg/ml durch die Bradford-Methode mit BSA als Standard;

### Wirt:

Kaninchen

### Isotyp:

IgG

### Immunogen Katalognummer:

AG14127

### GenBank-Zugangsnummer:

BC010423

### GeneID (NCBI):

81607

### Vollständiger Name:

poliovirus receptor-related 4

### Berechnete Masse:

510 aa, 55 kDa

### Beobachtete Masse:

43 kDa, 66 kDa

### Reinigungsmethode:

Antigen-Affinitätsreinigung

### Empfohlene Verdünnungen:

WB 1:500-1:2000

IHC 1:1000-1:4000

IF 1:20-1:200

## Anwendungen

### Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

IHC, WB

### Getestete Reaktivität:

Human, Maus

### Zitierte Arten:

Human, Maus

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

WB : MCF-7-Zellen, A2780-Zellen, HeLa-Zellen, NIH/3T3-Zellen

IHC : humanes Plazenta-Gewebe,

IF : NIH/3T3-Zellen,

## Hintergrundinformationen

Nectin-4, or PVRL4, belongs to the family of cell adhesion molecules that regulate the formation of adherence functions in epithelial cells through the AF-6 afadin scaffold molecule. Nectin-4 is reported as a histological and serological marker for breast carcinoma. Nectin-4 can be detected as a soluble form of 43 kDa and a transmembrane form of 66 kDa (PMID: 15784625).

## Bemerkenswerte Veröffentlichungen

| Verfasser           | Pubmed ID | Journal    | Anwendung |
|---------------------|-----------|------------|-----------|
| Makito Miyake       | 36448536  | Int J Urol | WB,IHC    |
| Jinxu Zhang         | 31423176  | Oncol Lett | IHC       |
| Hirosha Geekiyanage | 27507538  | Mol Oncol  | WB        |

## 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

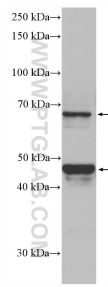
For technical support and original validation data for this product please contact:

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

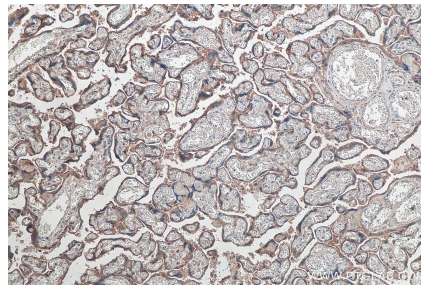
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

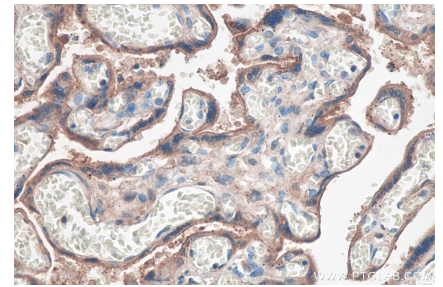
## Ausgewählte Validierungsdaten



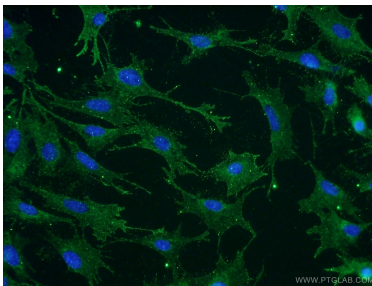
MCF-7 cells were subjected to SDS PAGE followed by western blot with 21903-1-AP (Nectin-4/PVRL4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



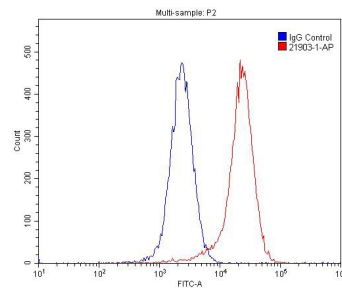
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21903-1-AP (Nectin-4/PVRL4 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21903-1-AP (Nectin-4/PVRL4 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of NIH/3T3 cells using 21903-1-AP (Nectin-4/PVRL4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10<sup>6</sup> MCF-7 cells were stained with 0.2ug Nectin-4/PVRL4 antibody (21903-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.