

Nur für Forschungszwecke

# Nectin-2/PVRL2 Polyklonaler Antikörper



Katalog-Nr.: 27171-1-AP

3 Publikationen

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 27171-1-AP	<b>GenBank-Zugangsnummer:</b> BC003091	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 500 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 5819	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:3000 IHC 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> poliovirus receptor-related 2 (herpesvirus entry mediator B)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 58 kDa	
<b>Immunogen Katalognummer:</b> AG26040	<b>Beobachtete Masse:</b> 60-70 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, IHC

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human, Maus, Ratte

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

### Positivkontrollen:

**WB:** Rattennierengewebe, Jurkat-Zellen, Mausnierengewebe, RAW 264.7-Zellen

**IHC:** humanes Tonsillitisgewebe, humanes Mammakarzinomgewebe, humanes Nierengewebe

## Hintergrundinformationen

Nectin 2, also named as PVRL2, CD112, HVEB, PRR2 and PVRR2, is an adhesion molecule widely expressed in cell lines of different lineages, including hematopoietic, neuronal, endothelial and epithelial cells. CD112 belongs to a new family of immunoglobulin-like molecules that includes four members (CD111, CD112, PRR3 and CD155) sharing an ectodomain made of three Ig domains, of V, C, C types. CD112 is expressed in the myelo-monocytic and megakaryocytic hematopoietic lineages and the function in hematopoiesis is currently unknown. CD112 is an intercellular homophilic adhesion. CD112 localizes specifically at adherens junctions via its cytoplasmic interaction with the scaffold F-actin binding protein afadin. Disruption of the murine CD112 gene leads to infertility of male mice with morphologically aberrant spermatozoa. CD112 mediates entry of some alphaherpesvirus mutants (also named HveB) via its V domain. CD112 is involved in cell to cell spreading of viruses.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Changying Wang	31719643	Mucosal Immunol	IHC
Shen Li	35136728	J Transl Int Med	IF
Yifei Shen	36852159	iScience	IHC

## 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

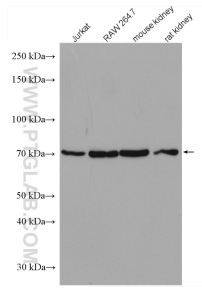
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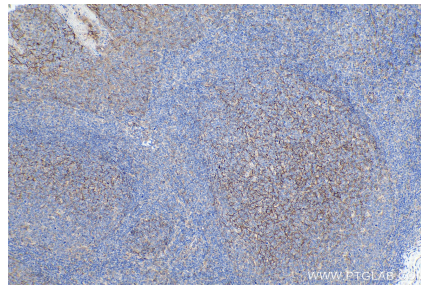
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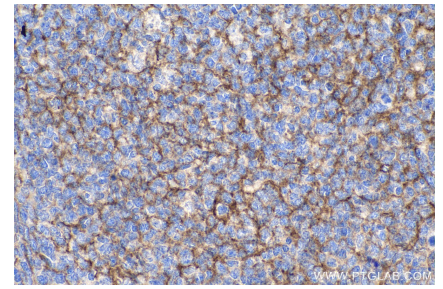
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 27171-1-AP (Nectin-2/PVRL2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27171-1-AP (Nectin-2/PVRL2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27171-1-AP (Nectin-2/PVRL2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).