

**Nectin-3/CD113 Blocking Peptide**  
**Catalog # PBV10371b****Specification**

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**Nectin-3/CD113 Blocking Peptide - Product Information**

Primary Accession	<a href="#">O9NOS3</a>
Gene ID	<b>25945</b>
Calculated MW	<b>61002</b>

**Nectin-3/CD113 Blocking Peptide - Additional Information****Gene ID** 25945**Application & Usage**

The peptide is used for blocking the antibody activity of Nectin-3. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

**Other Names**

Nectin-3, CDw113, Poliovirus receptor-related protein 3, CD113, PVRL3, PRR3

**Target/Specificity**

Nectin-3/CD113

**Formulation**

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

Nectin-3/CD113 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**Nectin-3/CD113 Blocking Peptide - Protein Information****Name** NECTIN3 ([HGNC:17664](#))**Synonyms** PRR3, PVRL3**Function**

Plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans- interaction with NECTIN2 at Sertoli-spermatid junctions. Trans- interaction

with PVR induces activation of CDC42 and RAC small G proteins through common signaling molecules such as SRC and RAP1. Also involved in the formation of cell-cell junctions, including adherens junctions and synapses. Induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation. Plays a role in the morphology of the ciliary body.

**Cellular Location**

Cell membrane; Single-pass membrane protein. Postsynaptic cell membrane

**Tissue Location**

Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines

**Nectin-3/CD113 Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Nectin-3/CD113 Blocking Peptide - Images**