

**PVRL4 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17922c**

**Specification**

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**PVRL4 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q96NY8](#)

**PVRL4 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 81607

**Other Names**

Nectin-4, Ig superfamily receptor LNIR, Poliovirus receptor-related protein 4, Processed poliovirus receptor-related protein 4, PVRL4, LNIR, PRR4

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PVRL4 Antibody (Center) Blocking Peptide - Protein Information**

**Name** NECTIN4 ([HGNC:19688](#))

**Synonyms** LNIR, PRR4, PVRL4

**Function**

Seems to be involved in cell adhesion through trans- homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction.  
Note=Colocalizes with AFDN at cadherin- based adherens junctions (PubMed:11544254)

**Tissue Location**

Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma

**PVRL4 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **PVRL4 Antibody (Center) Blocking Peptide - Images**

#### **PVRL4 Antibody (Center) Blocking Peptide - Background**

Poliovirus receptor-like proteins (PVRLs), such as PVRL4, are adhesion receptors of the immunoglobulin superfamily and function in cell-cell adhesion (Reymond et al., 2001 [PubMed11544254]).

#### **PVRL4 Antibody (Center) Blocking Peptide - References**

Derycke, M.S., et al. Am. J. Clin. Pathol. 134(5):835-845(2010) Brancati, F., et al. Am. J. Hum. Genet. 87(2):265-273(2010) Takano, A., et al. Cancer Res. 69(16):6694-6703(2009) Fabre-Lafay, S., et al. BMC Cancer 7, 73 (2007) : Fabre-Lafay, S., et al. J. Biol. Chem. 280(20):19543-19550(2005)