

PVRL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14522b

Specification

PVRL1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q15223](#)

PVRL1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5818

Other Names

Nectin-1, Herpes virus entry mediator C, Herpesvirus entry mediator C, HveC, Herpesvirus Ig-like receptor, HlgR, Poliovirus receptor-related protein 1, CD111, PVRL1, HVEC, PRR1

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.

PVRL1 Antibody (C-term) Blocking Peptide - Protein Information

Name NECTIN1 ([HGNC:9706](#))

Synonyms HVEC, PRR1, PVRL1

Function

Promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between NECTIN1 and NECTIN3 and between NECTIN1 and NECTIN4. Has some neurite outgrowth-promoting activity.

Cellular Location

[Isoform Alpha]: Cell membrane; Single-pass type I membrane protein. Presynaptic cell membrane
[Isoform Gamma]: Secreted.

PVRL1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PVRL1 Antibody (C-term) Blocking Peptide - Images**PVRL1 Antibody (C-term) Blocking Peptide - Background**

This gene encodes an adhesion protein that plays a role in the organization of adherens junctions and tight junctions in epithelial and endothelial cells. The protein is a calcium(2+)-independent cell-cell adhesion molecule that belongs to the immunoglobulin superfamily and has 3 extracellular immunoglobulin-like loops, a single transmembrane domain (in some isoforms), and a cytoplasmic region. This protein acts as a receptor for glycoprotein D (gD) of herpes simplex viruses 1 and 2 (HSV-1, HSV-2), and pseudorabies virus (PRV) and mediates viral entry into epithelial and neuronal cells. Mutations in this gene cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P). Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini. [provided by RefSeq].

PVRL1 Antibody (C-term) Blocking Peptide - References

Nikopensius, T., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 88(9):748-756(2010) Vetter, G., et al. Oncogene 29(31):4436-4448(2010) Kim, J., et al. J. Biol. Chem. 285(30):22919-22926(2010) Jagomagi, T., et al. Eur. J. Oral Sci. 118(3):213-220(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :