

## Anti-PVRL1/NECTIN1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A04988-1-Fluoro647

### About NECTIN1

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.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-PVRL1/NECTIN1 Antibody Picoband® Fluoro647 Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Flow Cytometry   |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.         |
| Host                 | Rabbit   |
| Uniprot ID           | Q15223   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human PVRL1/NECTIN1 recombinant protein (Position: V32-E237). |
| Cross Reactivity    | No cross-reactivity with other proteins.                                     |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro647<br>Excitation Wavelength: 650 nm<br>Emission Wavelength: 665 nm    |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.         |

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Anti-PVRL1/NECTIN1 Antibody - Fluoro647

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