

## Anti-ERVW-1 Antibody Picoband® HRP Conjugated

Catalog Number: PB9622-HRP

### About ERVW-1

ERVW-1 is also known as ERVWE1. The human ERVWE1 locus is derived from a human endogenous retrovirus-W (HERV-W) provirus located on chromosome 7. This provirus has inactivating mutations in the gag and pol genes, but the envelope glycoprotein gene has been selectively preserved. The product of this gene, syncytin, is expressed in the placental syncytiotrophoblast and is involved in fusion of the cytotrophoblast cells to form the syncytial layer of the placenta. The protein has the characteristics of a typical retroviral envelope protein, including a furin cleavage site that separates the surface (SU) and transmembrane (TM) proteins which form a heterodimer.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-ERVW-1 Antibody Picoband® HRP Conjugated                                       |
| Reactive Species     | Human   |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.    |
| Host                 | Rabbit  |
| Uniprot ID           | Q9UQF0  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human ERVW-1.                 |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | HRP  |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

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