

For Research Use Only

# Nectin-1/PVRL1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88101-1-PBS



## Basic Information

|                           |             |                           |                                                              |                      |                        |
|---------------------------|-------------|---------------------------|--------------------------------------------------------------|----------------------|------------------------|
| Catalog Number:           | 88101-1-PBS | GenBank Accession Number: | NM_002855.5                                                  | Purification Method: | Protein A purification |
| Source:                   | Rabbit      | GeneID (NCBI):            | 5818                                                         | CloneNo.:            | 260037D11              |
| Isotype:                  | IgG         | UNIPROT ID:               | Q15223-1                                                     |                      |                        |
| Immunogen Catalog Number: | EG1707      | Full Name:                | poliovirus receptor-related 1 (herpesvirus entry mediator C) |                      |                        |
|                           |             | Calculated MW:            | 57 kDa                                                       |                      |                        |
|                           |             | Observed MW:              | 90 kDa, 57 kDa                                               |                      |                        |

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human, rat

## Background Information

Nectins are a family of immunoglobulin-like cell adhesion molecules comprising four members, nectin-1 to nectin-4, each consisting of an extracellular region with three immunoglobulin-like loops, a single transmembrane domain and a cytoplasmic domain (PMID: 12901789, 18703497). Nectins are involved in cell adhesion, migration, polarization, morphogenesis, proliferation, differentiation, and survival. Nectin-1, also known as PVRL1, HVEC and CD111, is widely expressed in a variety of cell types including epithelial cells, neurons, and fibroblasts (PMID: 12901789). It promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Nectin-1 acts as a receptor for several alphaherpesviruses, including herpes simplex viruses (HSV) 1 and 2, porcine pseudorabies virus (PRV), and bovine herpesvirus 1 (BHV-1) (PMID: 9616127). Nectin-1 is a glycoprotein, the glycosylated form has a larger apparent molecular weight than the calculated molecular weight of 57 kDa (PMID: 12376527; 15731277).

## Storage

Storage:  
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

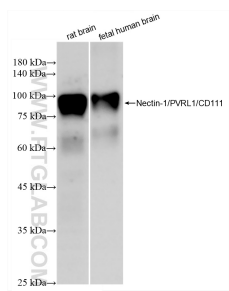
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

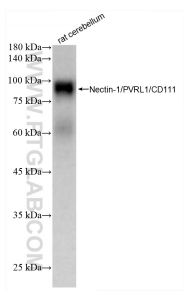
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88101-1-RR (Nectin-1/PVRL1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88101-1-PBS in a different storage buffer formulation.



rat cerebellum tissue were subjected to SDS PAGE followed by western blot with 88101-1-RR (Nectin-1/PVRL1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88101-1-PBS in a different storage buffer formulation.