

# Nectin-4/PVRL4 Recombinant antibody, PBS Only

Catalog Number: 83223-6-PBS

## Basic Information

## Catalog Number:

83223-6-PBS

## Size:

1 mg/ml

## Source:

Rabbit

## Isotype:

IgG

## GenBank Accession Number:

BC010423

## GeneID (NCBI):

81607

## UNIPROT ID:

Q96NY8

## Full Name:

poliovirus receptor-related 4

## Calculated MW:

510 aa, 55 kDa

## Purification Method:

Protein A purification

## CloneNo.:

240009E2

## Applications

## Tested Applications:

WB, Indirect ELISA

## Species Specificity:

Human

## Background Information

Nectin-4, also known as PVRL4, is a type-I transmembrane glycoprotein that belongs to the nectin subfamily of immunoglobulin-like adhesion molecules that participate in Ca<sup>2+</sup>-independent cell-cell adhesion (PMID: 18703497). The extracellular domain of Nectin-4, which contains three immunoglobulin-like domains (V and two C2-type domains, VCC), can be proteolytically cleaved to release a soluble form. Nectin-4 interacts with afadin via its carboxyl-terminal cytoplasmic sequence and trans-interacts with nectin-1/PRR1 through V domain interaction (PMID: 11544254). It acts as a receptor for measles virus (PMID: 22048310). Nectin-4 is overexpressed in multiple human malignancies and the aberrant expression is correlated with cancer progression and poor prognostic (PMID: 35131876). Nectin-4 can be detected as a soluble form of 43 kDa and a transmembrane form of 66 kDa (PMID: 15784625).

## Storage

## Storage:

Store at -80°C.

## Storage Buffer:

PBS Only

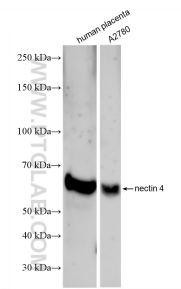
For technical support and original validation data for this product please contact:

T: 4006900926

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83223-6-RR (Nectin-4/PVRL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83223-6-PBS in a different storage buffer formulation.