

For Research Use Only

Nectin-4/PVRL4 Monoclonal antibody, PBS Only



Catalog Number: 67721-1-PBS

Basic Information

Catalog Number: 67721-1-PBS	GenBank Accession Number: BC010423	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 81607	CloneNo.: 2D4B6
Source: Mouse	UNIPROT ID: Q96NY8	
Isotype: IgG1	Full Name: poliovirus receptor-related 4	
Immunogen Catalog Number: AG14414	Calculated MW: 510 aa, 55 kDa	
	Observed MW: 43 kDa	

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 Ca²⁺-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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

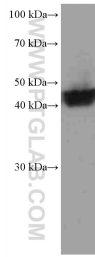
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 67721-1-Ig (Nectin-4/PVRL4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67721-1-PBS in a different storage buffer formulation.