

For Research Use Only

Nectin-4/PVRL4 Recombinant antibody

Catalog Number: 83223-6-RR



Basic Information

Catalog Number: 83223-6-RR	GenBank Accession Number: BC010423	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 81607	CloneNo.: 240009E2
Source: Rabbit	UNIPROT ID: Q96NY8	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: poliovirus receptor-related 4	
	Calculated MW: 510 aa, 55 kDa	
	Observed MW: 66 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue, A2780 cells
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(2+)-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

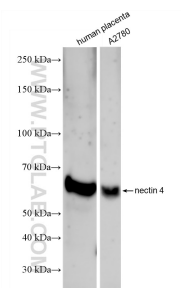
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.