

For Research Use Only

Nectin-1/PVRL1 Recombinant monoclonal antibody

Catalog Number: 88101-1-RR



Basic Information

Catalog Number: 88101-1-RR	GenBank Accession Number: NM_002855.5	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5818	CloneNo.: 260037D11
Source: Rabbit	UNIPROT ID: Q15223-1	Recommended Dilutions: WB: 1:1000-1:8000
Isotype: IgG	Full Name: poliovirus receptor-related 1 (herpesvirus entry mediator C)	
Immunogen Catalog Number: EG1707	Calculated MW: 57 kDa	
	Observed MW: 90 kDa, 57 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat brain tissue, rat cerebellum tissue, fetal human brain tissue
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

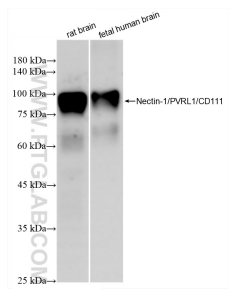
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

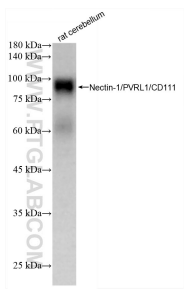
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88101-1-RR (Nectin-1/PVRL1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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.