PVRL1/NECTIN1 recombinant antibody

Rabbit anti-PVRL1/NECTIN1 Recombinant Monoclonal Antibody [BLR274L]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213678	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

PVRL1/NECTIN1; Monoclonal Recombinant Antibody; Rabbit anti-PVRL1/NECTIN1 Recombinant Monoclonal Antibody [BLR274L]; PVRL1; nectin-1; OFC7; poliovirus receptor-like 1; poliovirus receptor-related 1 (herpesvirus entry mediator C); poliovirus receptor-related protein 1; PRR; SK-12; Nectin cell adhesion molecule 1; PVRR; PVRR1; CLPED1; PRR1; ectodermal dysplasia 4 (Margarita Island type); nectin 1; ED4; CD111; herpes simplex virus type 1 sensitivity; herpes virus entry mediator C; Herpesvirus entry mediator C; herpesvirus Ig-like receptor; HIgR; HV1S; HVEC; CD antigen CD111; Nectin-1; nectin cell adhesion molecule 1; PVRL1/NECTIN1 recombinant antibody

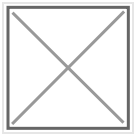
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR274L
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for PVRL1/NECTIN1 recombinant antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Residues 31-331 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human PVRL1/NECTIN1 by western blot. Samples: Whole cell lysate (50 ug) from MCF-10A, SNB-75, RT-4, MCF-7, and HaCaT cells prepared using NETN lysis buffer. Antibody: Rabbit anti-PVRL1/NECTIN1 recombinant monoclonal antibody (AAA213678 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .

IP (Immunoprecipitation)
Detection of human PVRL1/NECTIN1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MCF-10A cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-PVRL1/NECTIN1 recombinant monoclonal antibody (AAA213678 lot 1) used for IP at 6 ul/mg lysate. PVRL1/NECTIN1 was also immunoprecipitated by a second antibody against a different epitope of PVRL1/NECTIN1 (BL20344). For blotting immunoprecipitated PVRL1/NECTIN1, AAA213678 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 75 seconds.



FCM/FACS (Flow Cytometry)
Detection of human PVRL1/NECTIN1 (shaded) in FaDu cells by flow cytometry. Antibody: Rabbit anti-PVRL1/NECTIN1 recombinant monoclonal antibody (AAA213678) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for PVRL1/NECTIN1 recombinant antibody	PVRL1/NECTIN1 (aka CD111) is an adhesion protein that plays a role in the organization of adherens junctions and tight junctions in epithelial and endothelial cells. The protein is a calcium-independent cell-cell adhesion molecule that belongs to the immunoglobulin superfamily. It acts as a receptor for glycoprotein D (gD) of herpes simplex viruses 1 and 2 (HSV-1, HSV-2) and pseudorabies virus (PRV) and mediates viral entry into epithelial and neuronal cells [taken from NCBI Entrez Gene (Gene ID: 5818)].
Product Categories/Family for PVRL1/NECTIN1 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	42560237
NCBI GeneID	5818
NCBI Accession #	NP_002846.3
NCBI GenBank Nucleotide #	NM_002855.4
UniProt Accession #	Q15223; O75465; Q2M3D3; Q9HBE6; Q9HBW2
Molecular Weight	57,158 Da
NCBI Official Full Name	poliovirus receptor-related protein 1 isoform 1
NCBI Official Synonym Full Names	poliovirus receptor-related 1 (herpesvirus entry mediator C)
NCBI Official Symbol	PVRL1
NCBI Official Synonym Symbols	ED4; PRR; HIgR; HVEC; OFC7; PRR1; PVRR; CD111; PVRR1; SK-12; CLPED1; nectin-1
NCBI Protein Information	poliovirus receptor-related protein 1; nectin 1; poliovirus receptor-like 1; herpesvirus Ig-like receptor; herpes virus entry mediator C; ectodermal dysplasia 4 (Margarita Island type)
UniProt Protein Name	Poliovirus receptor-related protein 1
UniProt Gene Name	**PVRL1**
UniProt Synonym Gene Names	HVEC; PRR1; Herpesvirus entry mediator C; HveC; HIgR
UniProt Entry Name	PVRL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/pvrl1-nectin1-recombinant-antibody-clone-blr274l-flow-cytometry-immunoprecipitation-western-blot-elisa/213678