

Datasheet for ABIN7043440

anti-PVRL1 antibody (Extracellular, N-Term)**5** Images[Go to Product page](#)

Overview

Quantity:	25 µL
Target:	PVRL1
Binding Specificity:	AA 177-190, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PVRL1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Live Cell Imaging (LCI)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)GKPPSVVSWETRLK, corresponding to amino acid residues 177-190 of human Nectin-1
Isotype:	IgG
Cross-Reactivity (Details):	This antibody will recognize all known isoforms of Nectin-1, including the secreted form (also known as isoform gamma).
Characteristics:	Anti-Nectin-1/PVRL1 (extracellular) Antibody is directed against an extracellular epitope of human Poliovirus receptor-related protein 1. Anti-Nectin-1/PVRL1 (extracellular) Antibody (ABIN7043440, ABIN7044692 and ABIN7044693)) can be used in western blot, immunocytochemistry and indirect flow cytometry applications. It is specially suited to detect

Product Details

Nectin-1 in live cells. It has been designed to recognize Nectin-1 from rat, mouse and human samples and will recognize all known isoforms of Nectin-1, including the secreted form (also known as isoform gamma).

Purification: Affinity purified on immobilized antigen.

Target Details

Target: PVRL1

Alternative Name: Nectin-1/PVRL1 ([PVRL1 Products](#))

Background: Alternative names: Nectin-1/PVRL1, Poliovirus receptor-related protein 1, Herpes virus entry mediator C, PRR1, CD111

Gene ID: 5818

NCBI Accession: [NM_002855](#)

UniProt: [Q15223](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.

Concentration: 0.8 mg/mL

Buffer: Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: RT, 4 °C, -20 °C

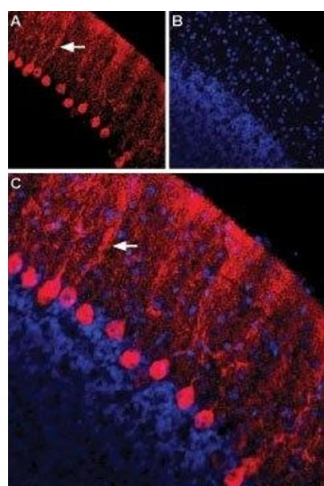
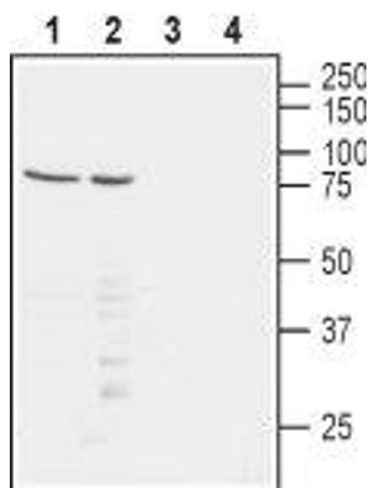
Handling

Storage Comment:

Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.

Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

Images

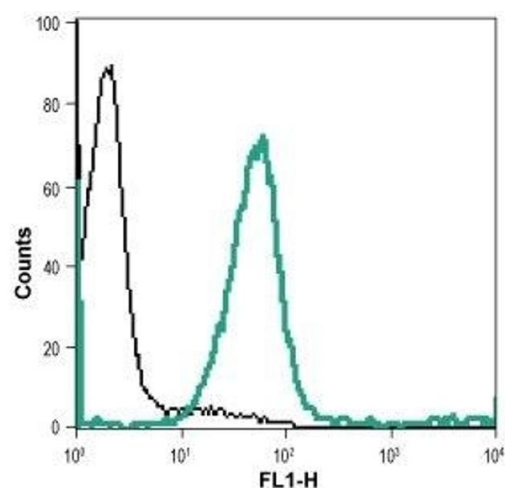


Western Blotting

Image 1. Western blot analysis of human Jurkat T-cell leukemia (lanes 1 and 3) and human MEG-01 chronic myelogenous leukemia (lanes 2 and 4) cell lysates: - 1,2. Anti-Nectin-1/PVRL1 (extracellular) Antibody (ABIN7043440, ABIN7044692 and ABIN7044693), (1:200). 3,4. Anti-Nectin-1/PVRL1 (extracellular) Antibody, preincubated with Nectin-1/PVRL1 (extracellular) Blocking Peptide (#BLP-NR051).

Immunohistochemistry

Image 2. Expression of Nectin-1 in rat cerebellum - Immunohistochemical staining of immersion-fixed, free floating rat brain frozen sections using Anti-Nectin-1/PVRL1 (extracellular) Antibody (ABIN7043440, ABIN7044692 and ABIN7044693), (1:100). A. Nectin-1 staining (red) is apparent in Purkinje neurons and their dendritic tree (arrow). B. Cell nuclei in the same section are visualized with DAPI (blue). C. Merge of the two images.



Flow Cytometry

Image 3. Cell surface detection of Nectin-1 in live intact human THP-1 monocytic leukemia cell line: (black line) Cells + goat anti-rabbit-AlexaFluor-488 secondary antibody. (green line) Cells + Anti-Nectin-1/PVRL1 (extracellular) Antibody (ABIN7043440, ABIN7044692 and ABIN7044693), (1:15) + goat anti-rabbit-AlexaFluor-488 secondary antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7043440.