



Datasheet for ABIN7043442
anti-PVRL4 antibody (Extracellular, N-Term)



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3 Images

Overview

Quantity:	0.2 mL
Target:	PVRL4
Binding Specificity:	AA 84-96, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PVRL4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KYGLHVNPAYEDR, corresponding to amino acid residues 84 - 96 of mouse Nectin-4
Isotype:	IgG
Characteristics:	Anti-Nectin-4 (extracellular) Antibody (ABIN7043442, ABIN7044698 and ABIN7044699)) is a highly specific antibody directed against an extracellular epitope of the mouse protein. The antibody can be used in western blot and flow cytometry applications. It has been designed to recognize Nectin-4 from mouse, rat and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

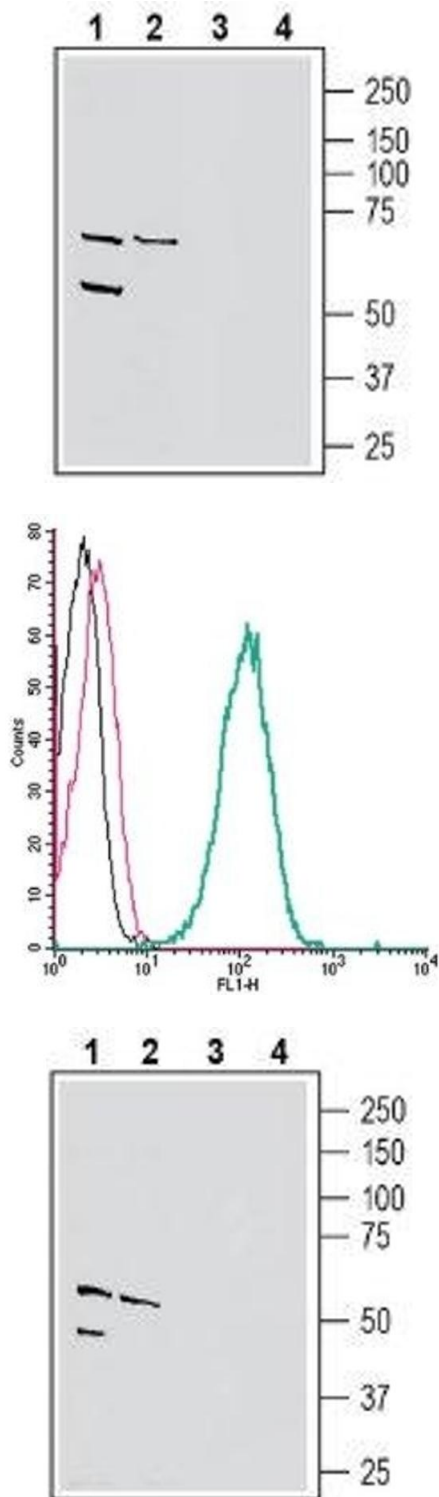
Target:	PVRL4
Alternative Name:	Nectin-4 (PVRL4 Products)
Background:	Alternative names: Nectin Cell Adhesion Molecule 4, Poliovirus Receptor-Related Protein 4, PVRL4, NECTIN4
Gene ID:	42412
NCBI Accession:	NM_030916
UniProt:	Q96NY8
Pathways:	Cell-Cell Junction Organization

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
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).



Western Blotting

Image 1. Western blot analysis of human THP-1 monocytic leukemia cell line lysate (lanes 1 and 3) and human MCF-7 breast adenocarcinoma cell line lysate (lanes 2 and 4): - 1-2. Anti-Nectin-4 (extracellular) Antibody (ABIN7043442, ABIN7044698 and ABIN7044699), (1:200). 3-4. Anti-Nectin-4 (extracellular) Antibody, preincubated with Nectin-4 (extracellular) Blocking Peptide (BLP-NR054).

Flow Cytometry

Image 2. Cell surface detection of Nectin-4 by indirect flow cytometry in live intact human THP-1 monocytic leukemia cell line: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-Nectin-4 (extracellular) Antibody (ABIN7043442, ABIN7044698 and ABIN7044699), (2.5 µg) + goat-anti-rabbit-FITC.

Western Blotting

Image 3. Western blot analysis of mouse brain membranes (lanes 1 and 3) and rat lung lysate (lanes 2 and 4): - 1-2. Anti-Nectin-4 (extracellular) Antibody (ABIN7043442, ABIN7044698 and ABIN7044699), (1:200). 3-4. Anti-Nectin-4 (extracellular) Antibody, preincubated with Nectin-4 (extracellular) Blocking Peptide (BLP-NR054).