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Datasheet for ABIN7043340

anti-Nectin-2 antibody (Extracellular, N-Term)**3** Images

Overview

Quantity:	25 µL
Target:	Nectin-2 (NECTIN2)
Binding Specificity:	AA 148-161, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RVIAQPENHAEAEQE, corresponding to amino acid residues 148-161 of mouse Nectin-2
Isotype:	IgG
Characteristics:	Anti-Nectin-2/PVRL2 (extracellular) Antibody is directed against an epitope of mouse Poliovirus receptor-related protein 2. Anti-Nectin-2/PVRL2 (extracellular) Antibody (ABIN7043340, ABIN7044694 and ABIN7044695)) can be used in western blot, immunohistochemistry, and flow cytometry applications. It has been designed to recognize Nectin-2 from mouse, rat and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

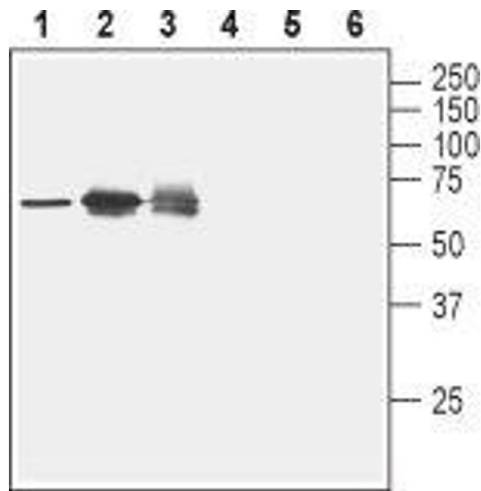
Target:	Nectin-2 (NECTIN2)
Alternative Name:	Nectin-2/PVRL2 (NECTIN2 Products)
Background:	Alternative names: Nectin-2/PVRL2, Poliovirus receptor-related protein 2, Herpes virus entry mediator B, PRR2, PVRR2, CD112
Gene ID:	19294
NCBI Accession:	NM_002856
UniProt:	P32507

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

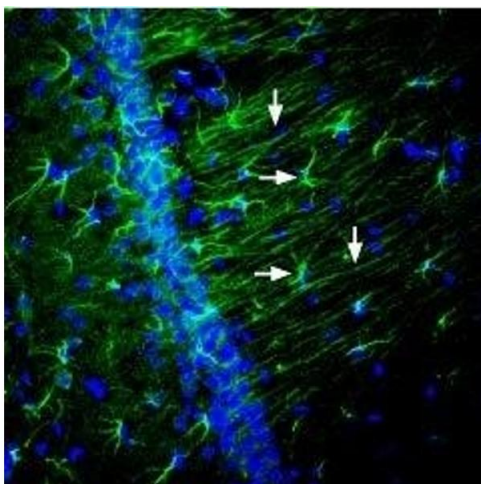
Handling

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



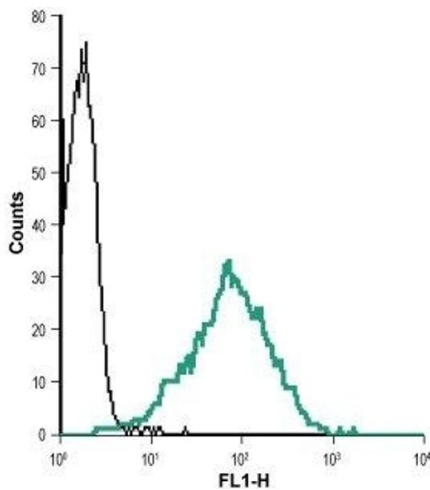
Western Blotting

Image 1. Western blot analysis of rat spleen lysate (lanes 1 and 4), human Jurkat T cell leukemia cell lysate (lanes 2 and 5) and human K562 erythroleukemia cell lysate (lanes 3 and 6): - 1-3. Anti-Nectin-2/PVRL2 (extracellular) Antibody (ABIN7043340, ABIN7044694 and ABIN7044695), (1:200).4-6. Anti-Nectin-2/PVRL2 (extracellular) Antibody, preincubated with Nectin-2/PVRL2 (extracellular) Blocking Peptide (#BLP-NR052).



Immunohistochemistry

Image 2. Expression of Nectin-2 in rat hippocampus - Immunohistochemical staining of perfusion-fixed frozen rat brain sections using Anti-Nectin-2/PVRL2 (extracellular) Antibody (ABIN7043340, ABIN7044694 and ABIN7044695), (1:600), followed by goat-anti-rabbit-AlexaFluor-488. Nectin-2 staining (green) appears in in apical dendrites of CA1 pyramidal neurons (vertical arrows) and in astrocytes (horizontal arrows). Cell nuclei are stained with DAPI (blue).



Flow Cytometry

Image 3. Cell surface detection of Nectin-2 in live intact human Jurkat T cell leukemia cells: (black line) Cells + goat-anti-rabbit-Alexa-488. (green line) Cells + Anti-Nectin-2/PVRL2 (extracellular) Antibody (ABIN7043340, ABIN7044694 and ABIN7044695), (1:15) + goat-anti-rabbit-Alexa-488.