

Datasheet for ABIN749018
anti-PVRL2 antibody (AA 251-350)[2 Images](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PVRL2
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PVRL2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human nectin 2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	PVRL2
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Target Details

Alternative Name:	CD112 (PVRL2 Products)
Background:	<p>Synonyms: HVEB, PRR2, CD112, PVRR2, Nectin-2, Herpes virus entry mediator B, Herpesvirus entry mediator B, Poliovirus receptor-related protein 2, PVRL2</p> <p>Background: Nectin 2 is a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Can form trans-heterodimers with PVRL3/nectin-3.</p>
Gene ID:	5819
UniProt:	Q92692
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

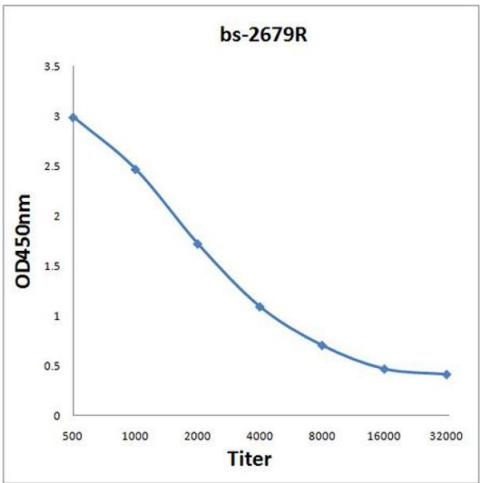
Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

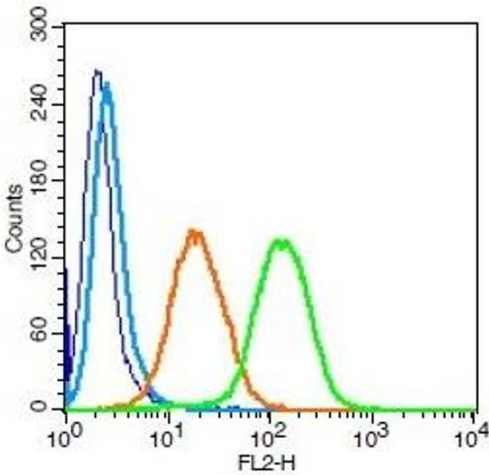
Product cited in:	Waters, Stafman, Garner, Mruthyunjayappa, Stewart, Friedman, Coleman, Markert, Gillespie, Beierle: "Effect of Repeat Dosing of Engineered Oncolytic Herpes Simplex Virus on Preclinical Models of Rhabdomyosarcoma." in: Translational oncology , Vol. 9, Issue 5, pp. 419-430, (2016) (PubMed).
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Images



ELISA

Image 1. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in Microplate Reader by 450nm



Flow Cytometry

Image 2. Human U937 cells probed with CD112 Polyclonal Antibody, Unconjugated (green) at 1:100 for 30 minutes followed by a PE conjugated secondary antibody compared to unstained cells (blue), secondary only (light blue), and isotype control (orange).