

Datasheet for ABIN7161114
anti-PVRL4 antibody (AA 91-199)

3 Images

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Overview

Quantity:	100 µg
Target:	PVRL4
Binding Specificity:	AA 91-199
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PVRL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Nectin-4 protein (91-199AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	PVRL4
Alternative Name:	NECTIN4 (PVRL4 Products)
Background:	Background: Seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as

Target Details

receptor for alpha-herpesvirus entry into cells.

Aliases: DKFZp686K05193 antibody, EDSS1 antibody, Ig superfamily receptor LNIR antibody, Nectin 4 antibody, Nectin-4 antibody, poliovirus receptor-related 4 antibody, Processed poliovirus receptor-related protein 4 antibody, PRR4 antibody, pvrl4 antibody, PVRL4_HUMAN antibody

UniProt: [Q96NY8](#)

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

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

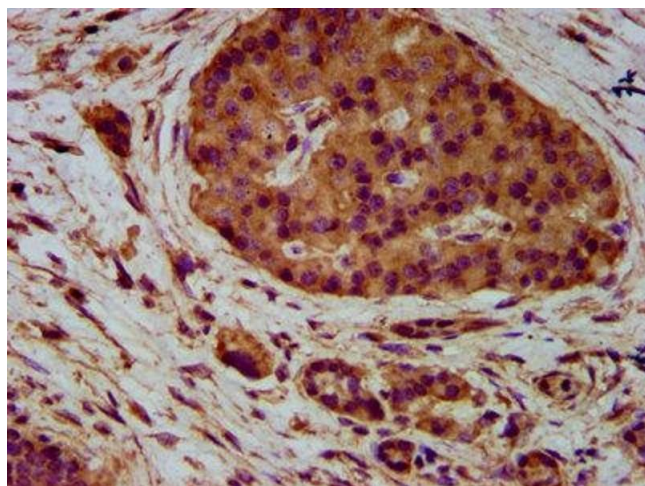
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

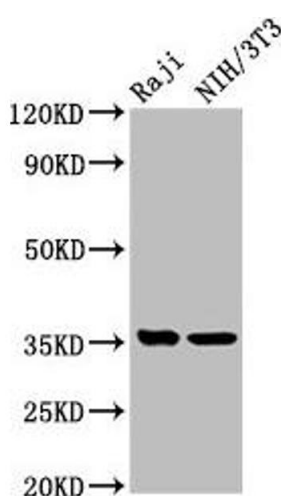
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



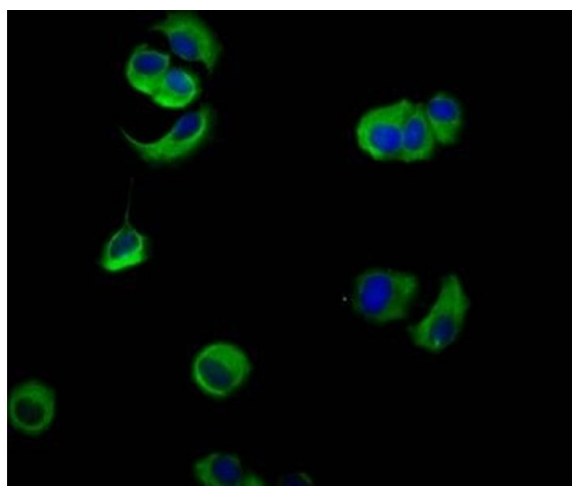
Immunohistochemistry

Image 1. IHC image of ABIN7161114 diluted at 1:400 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Raji whole cell lysate, NIH/3T3 whole cell lysate All lanes: NECTIN4 antibody at 5.9 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 56, 25 kDa Observed band size: 35 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of MCF-7 cells with ABIN7161114 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).