

Datasheet for ABIN7163737

**anti-Poliovirus Receptor antibody (AA 220-345)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	Poliovirus Receptor (PVR)
Binding Specificity:	AA 220-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Poliovirus Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Poliovirus receptor protein (220-345AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

## Target Details

Target:	Poliovirus Receptor (PVR)
Alternative Name:	PVR ( <a href="#">PVR Products</a> )
Background:	Background: Mediates NK cell adhesion and triggers NK cell effector functions. Binds two different NK cell receptors: CD96 and CD226. These interactions accumulates at the cell-cell

## Target Details

contact site, leading to the formation of a mature immunological synapse between NK cell and target cell. This may trigger adhesion and secretion of lytic granules and IFN-gamma and activate cytotoxicity of activated NK cells. May also promote NK cell-target cell modular exchange, and PVR transfer to the NK cell. This transfer is more important in some tumor cells expressing a lot of PVR, and may trigger fratricide NK cell activation, providing tumors with a mechanism of immunoevasion. Plays a role in mediating tumor cell invasion and migration. Serves as a receptor for poliovirus attachment to target cells. May play a role in axonal transport of poliovirus, by targeting virion-PVR-containing endocytic vesicles to the microtubular network through interaction with DYNLT1. This interaction would drive the virus-containing vesicle to the axonal retrograde transport.<sup>2</sup> Publications

Aliases: CD155 antibody, CD155 antigen antibody, FLJ25946 antibody, HVED antibody, mE4 antibody, NECL 5 antibody, Necl-5 antibody, Necl5 antibody, Nectin like 5 antibody, Nectin like protein 5 antibody, Nectin-like protein 5 antibody, Ortholog of mouse Tage4 antibody, Poliovirus receptor antibody, PVR antibody, PVR\_HUMAN antibody, PVS antibody, Taa1 antibody, Tage 4 antibody, TAGE4 antibody

UniProt: [P15151](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cell-Cell Junction Organization](#), [Cancer Immune Checkpoints](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

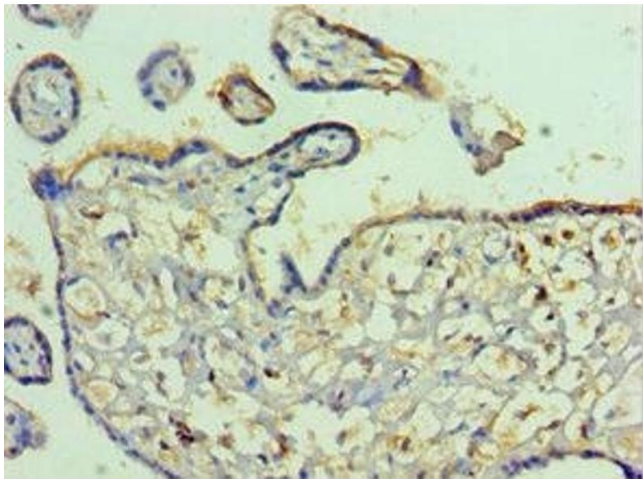
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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: -20 °C,-80 °C

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



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7163737 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: Poliovirus receptor antibody at 3 µg/mL Lane 1: Mouse gonad tissue Lane 2: HepG2 whole cell lysate Lane 3: K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 46, 41, 40, 43 kDa Observed band size: 46 kDa