10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# PVR/CD155 Polyclonal Antibody
**Rabbit Anti Human Polyclonal Antibody**
**Catalog # ABV11717**

## Specification

### PVR/CD155 Polyclonal Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | P15151 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **45303** |

### PVR/CD155 Polyclonal Antibody - Additional Information

**Gene ID** 5817

| | |
|---|---|
| Positive Control | **WB** |
| Application & Usage | **WB: 1:1000** |

**Other Names**
Poliovirus receptor, Nectin-like protein 5, NECL-5, CD155, PVR, PVS

**Target/Specificity**
PVR

**Antibody Form**
Liquid

**Appearance**
Colorless liquid

**Formulation**
PBS with 0.09% (W/V) sodium azide.

**Handling**
The antibody solution should be gently mixed before use.

**Reconstitution & Storage**
-20 °C

**Background Descriptions**

**Precautions**
PVR/CD155 Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### PVR/CD155 Polyclonal Antibody - Protein Information

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

**Name** PVR

**Synonyms** PVS

**Function**
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 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.

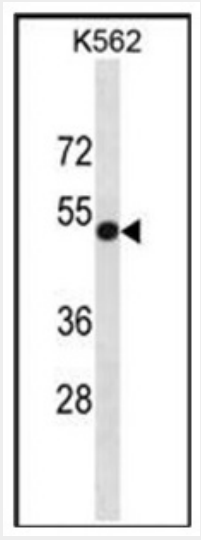
**Cellular Location**
[Isoform Alpha]: Cell membrane; Single-pass type I membrane protein [Isoform Beta]: Secreted.

## PVR/CD155 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## PVR/CD155 Polyclonal Antibody - Images




Western blot analysis of PVR in K562 cell line lysate.

## PVR/CD155 Polyclonal Antibody - Background

The protein encoded by this gene is a transmembrane glycoprotein belonging to the

immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene.