

**Poliovirus Receptor Antibody**  
**Rabbit mAb**  
**Catalog # AP92356**

**Specification**

---

**Poliovirus Receptor Antibody - Product Information**

Application	<b>WB, IP</b>
Primary Accession	<a href="#">P15151</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
CD155; HVED; mE4; Necl5; PVR; PVS; Taa1; TAGE4;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>45303 Da</b>

**Poliovirus Receptor Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Poliovirus Receptor</b>
Description	<b>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.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Poliovirus Receptor Antibody - Protein Information**

**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

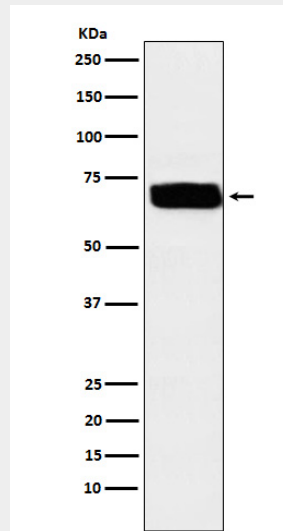
[Isoform Alpha]: Cell membrane; Single-pass type I membrane protein [Isoform Beta]: Secreted.

### Poliovirus Receptor 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 Cytometry](#)
- [Cell Culture](#)

### Poliovirus Receptor Antibody - Images



Western blot analysis of Poliovirus Receptor expression in U87-MG cell lysate.