

PVR / CD155 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16495

Specification

PVR / CD155 Antibody - Product Information

Application	IHC
Primary Accession	P15151
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45kDa KDa

PVR / CD155 Antibody - Additional Information

Gene ID 5817

Other Names

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

Target/Specificity

Human PVR / CD155

Reconstitution & Storage

Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions

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

PVR / CD155 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.

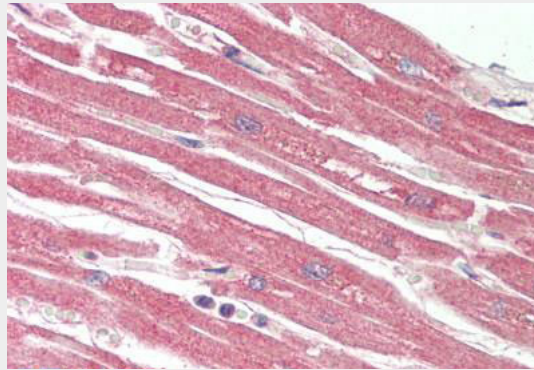
Volume
50 μ l

PVR / CD155 Antibody - Protocols

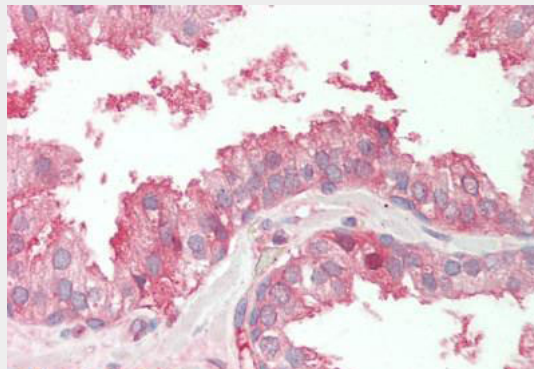
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PVR / CD155 Antibody - Images



Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)

PVR / CD155 Antibody - Background

Mediates NK cell adhesion and triggers NK cell effector functions. Binds two different NK cell receptors: CD96 and CD226. These interactions accumulate 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. 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.