

ARG65591 anti-CD155 / Poliovirus Receptor antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD155 / Poliovirus Receptor
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD155 / Poliovirus Receptor
Antigen Species	Human
Immunogen	Fusion protein of human PVR
Conjugation	Un-conjugated
Alternate Names	NECL5; CD antigen CD155; Nectin-like protein 5; PVS; Necl-5; HVED; Poliovirus receptor; TAGE4; NECL-5; CD155

Application Instructions

Application table	Application	Dilution
	IHC-P	25-100
	WB	200-1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	45 kDa	

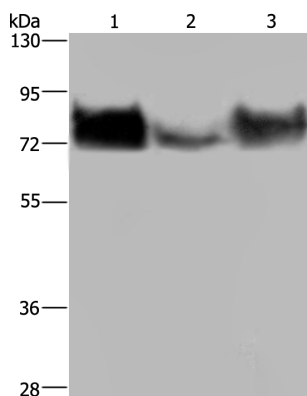
Properties

Form	Liquid
Purification	Purified by antigen-affinity chromatography.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	0.8 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5817 Human Swiss-port # P15151 Human
Gene Symbol	PVR
Gene Full Name	poliovirus receptor
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.
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. 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. [UniProt]
Highlight	Related Antibody Duos and Panels: ARG30163 T Cell Intercellular Adhesion Molecule Antibody Duo (CD226, PVR) Related products: CD155 antibodies ; CD155 ELISA Kits ; CD155 Duos / Panels ; Anti-Rabbit IgG secondary antibodies ;
Research Area	Microbiology and Infectious Disease antibody; T Cell Intercellular Adhesion Molecule antibody

Images

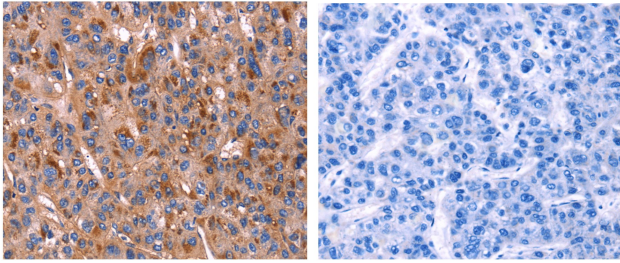


ARG65591 anti-CD155 / Poliovirus Receptor antibody WB image

Western blot: ARG65591 anti-CD155 / Poliovirus Receptor antibody at 1/200 dilution with 40 µg of lysates.

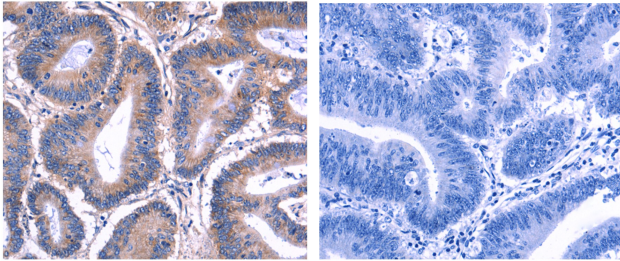
- (1) HepG2 cell
- (2) Human testis tissue
- (3) HeLa cell

Exposure time: 1 minute.



ARG65591 anti-CD155 / Poliovirus Receptor antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver cancer tissue stained with ARG65591 anti-CD155 / Poliovirus Receptor antibody (left) at 1/20 dilution, or the same antibody preincubated with fusion protein (right). (Original magnification: $\times 200$).



ARG65591 anti-CD155 / Poliovirus Receptor antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver cancer tissue stained with ARG65591 anti-CD155 / Poliovirus Receptor antibody (left) at 1/20 dilution, or the same antibody preincubated with fusion protein (right). (Original magnification: $\times 200$).