

## CD155 (PN0422) Nb-FC recombinant antibody

<b>Catalog No :</b>	YA0111
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD155
<b>Gene Name :</b>	PVR PVS
<b>Protein Name :</b>	Poliovirus receptor (Nectin-like protein 5) (NECL-5) (CD antigen CD155)
<b>Human Gene Id :</b>	5817
<b>Human Swiss Prot No :</b>	P15151
<b>Immunogen :</b>	Purified recombinant Human CD155
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD155 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Cell Pathway :</b>	Cell adhesion molecules (CAMs);
<b>Background :</b>	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. [provided by RefSeq, Oct 2008]

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**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 micr

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**Subcellular Location :**

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

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**Expression :**

Liver,Pancreas,Placenta,Plasma

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