

CD155 (PN0422) Nb-FC recombinant antibody

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

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

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.

Expression :

Liver,Pancreas,Placenta,Plasma

Tag :

recombinant

Sort :

1445

No1 :

ab267788

No4 :

1

Speciality :

Nanobody

Products Images