



CD155 Monoclonal Antibody

Catalog No	YP-mAb-14074
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PVR
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human PVR. AA range:81-130
Specificity	CD155 Monoclonal Antibody detects endogenous levels of CD155 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PVR;Nectin like protein 5;NECL-5;NECL5;Nect 5;CD155;Poliovirus receptor; PVS;Nectin-like protein 5
Observed Band	70kD
Calculated Molecular Weight	70kD
Cell Pathway	[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.
Tissue Specificity	Liver,Pancreas,Placenta,Plasma,
Function	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

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],

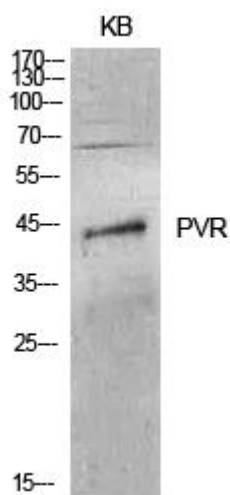
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD155 Monoclonal Antibody