

For Research Use Only

# Mouse CD155/PVR Recombinant antibody, PBS Only

Catalog Number: 85006-1-PBS



## Basic Information

**Catalog Number:**

85006-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_027514.2

**GeneID (NCBI):**

52118

**UNIPROT ID:**

Q8K094

**Full Name:**

poliovirus receptor

**Calculated MW:**

45 kDa

**Observed MW:**

70-80 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

242243G9

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

mouse

## Background Information

CD155, also known as the poliovirus receptor (PVR) or Necl-5, is one of the nectin-like family members, belonging to the Ca<sup>2+</sup> independent immunoglobulin superfamily (IgSF) in cell adhesion molecules (PMID: 37660884). CD155 is a type I transmembrane protein composed of three extracellular immunoglobulin-like domains, a transmembrane domain, and a cytoplasmic tail. It is involved in cell-to-cell and cell-to-ECM adhesion (PMID: 32019260; 11437656). CD155 acts as a ligand for immune receptors, including TIGIT, CD96 and CD226, which are expressed on T cells and NK cells. CD155 interacts with these receptors to modulate immune responses, such as T cell activation and NK cell-mediated cytotoxicity (PMID: 37660884). CD155 serves as the entry receptor for poliovirus and thereby mediates susceptibility to poliovirus infection (PMID: 15034010).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

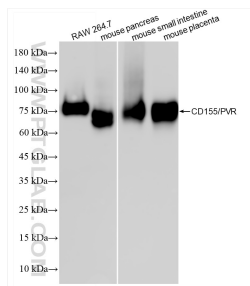
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85006-1-RR (CD155/PVR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85006-1-PBS in a different storage buffer formulation.