

# Anti-Human CD155/PVR (SKII.4)

Catalog Number: 65251-1-Ig

## Basic Information

<b>Catalog Number:</b> 65251-1-Ig	<b>GenBank Accession Number:</b> BC015542	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 5817	<b>CloneNo.:</b> SKII.4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P15151	
<b>Isotype:</b> IgG1, kappa	<b>Full Name:</b> poliovirus receptor	
	<b>Calculated MW:</b> 45 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Human

## Background Information

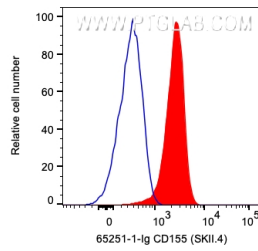
CD155, also known as PVR, is a type I transmembrane glycoprotein in the immunoglobulin superfamily. It contains three extracellular immunoglobulin-like domains, D1-D3, of which D1 is recognized by the virus. Mature human CD155 consists of a 323 amino acid extracellular domain with one N-terminal V-type and two C2-type Ig-like domains, a 24 amino acid transmembrane segment, and a 50 amino acid cytoplasmic tail. CD155 is thought to play a role in adhesion by interaction with the ECM component vitronectin as well as a role in NK killing of tumor cells. CD155 binds to two receptors of NK cells, CD96 and CD226, and accumulates at cell-cell contact sites, leading to the formation of mature immune synapses between NK cells and target cells. CD155 serves as the entry receptor for poliovirus and thereby mediates human susceptibility to poliovirus infection.

## Storage

**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

## Selected Validation Data



1X10<sup>6</sup> U937 cells were surface stained with 0.2 ug Anti-Human CD155/PVR (65251-1-Ig, Clone:SKII.4) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were not fixed.