

Datasheet for ABIN7092946

anti-Poliovirus Receptor antibody (AA 21-343)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Poliovirus Receptor (PVR)
Binding Specificity:	AA 21-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Poliovirus Receptor antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human CD155(Trp21-Asn343) (ABIN6961100) produced by using human HEK293 cells
Clone:	DM146
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	Poliovirus Receptor (PVR)
Alternative Name:	CD155 (PVR Products)
Background:	Synonyms:PVR, FLJ25946, PVS, CD155, TAGE4, HVED, NECL5

Target Details

Description: 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.

Molecular Weight: 45.3KDa

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cell-Cell Junction Organization](#), [Cancer Immune Checkpoints](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

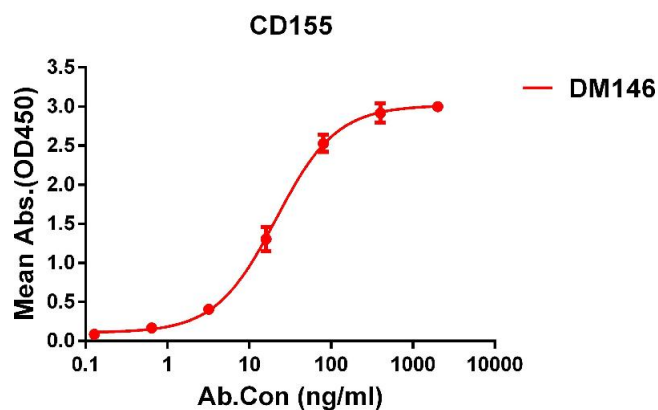
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

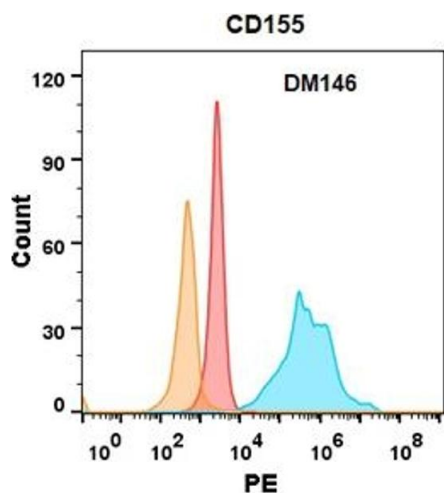
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



ELISA

Image 1. ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human CD155 protein, mFc tagged protein ((ABIN6961100, ABIN7042229 and ABIN7042230)) can bind Rabbit anti-CD155 monoclonal antibody(clone: DM146) in a linear range of 5-100 ng/mL.



Flow Cytometry

Image 2. CD155 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CD155 (DM146) on Expi293 cells transfected with human CD155 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).