

CD155 Recombinant antibody

Cat: B36438S

Company: HaoKebio

Uniprot ID: Q8K094

Applications: IHC:1:1000-1:4000

Organism: Rabbit

IHC-Polymer:1:4000-1:16000

Species reactivity: Mouse

IHC-TSA:1:5000-1:20000

Molecular Weight Calculation: 45 kDa

IF:1:50-1:200

Observed Molecular Weight: 70-80 kDa

WB:1:5000-1:50000

Background:

CD155, also known as the poliovirus receptor (PVR) or Nectin-5, is one of the nectin-like family members, belonging to the Ca^{2+} independent immunoglobulin superfamily (IgSF) in cell adhesion molecules. 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. 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. CD155 serves as the entry receptor for poliovirus and thereby mediates susceptibility to poliovirus infection.

Synonyms:

Pvr, 242243G9, CD155, poliovirus receptor, Tag e4

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

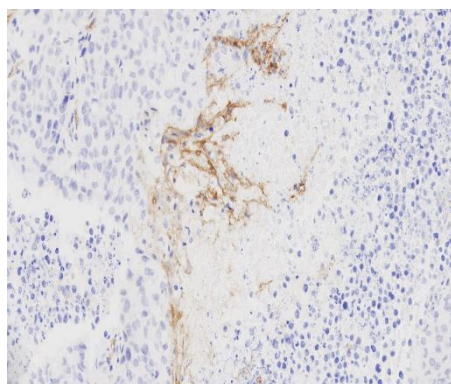
Storage:

Store at -20 °C for one year.

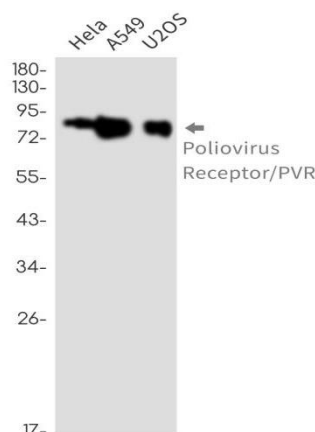
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse tumor, 4% PFA 12-24h



Dilution of 1:20000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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