

For Research Use Only

Anti-Human CD81 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98202-1-PBS



Basic Information

Catalog Number:

98202-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004356.4

GeneID (NCBI):

975

ENSEMBL Gene ID:

ENSG00000110651

UNIPROT ID:

P60033

Full Name:

CD81 molecule

Calculated MW:

26kDa

Purification Method:

Protein A purification

CloneNo.:

241722G4

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD81 (also known as TAPA1 or TSPAN28) is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Many of these members are expressed on leukocytes and have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. CD81 is involved in signal transduction and cell adhesion in the immune system (PMID: 9597125). CD81 has also been identified as an essential receptor for HCV (hepatitis C virus) (PMID: 21428934).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

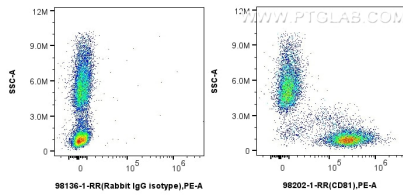
For technical support and original validation data for this product please contact:

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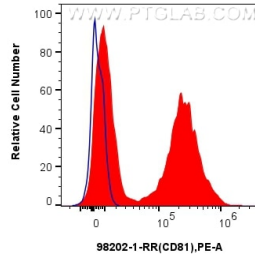
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W: ptglab.com

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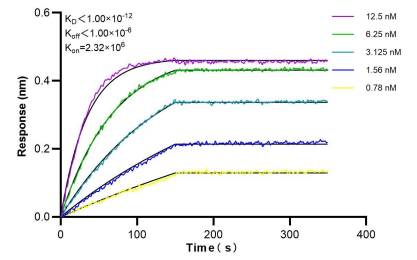
Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD81 Rabbit Recombinant Antibody (98202-1-RR, Clone: 241722G4) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98202-1-PBS in a different storage buffer formulation.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD81 Rabbit Recombinant Antibody (98202-1-RR, Clone:241722G4) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone:240953C9) (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98202-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98202-1-RR against Human CD81 were performed. The affinity constant is below 1 pM.