

For Research Use Only

Biotin Anti-Human CD81 Rabbit scFv Antibody

Catalog Number: Biotin-SF98202



Basic Information

Catalog Number: Biotin-SF98202	GenBank Accession Number: NM_004356.4	Purification Method: Affinity purification
Size: 100ug , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 975	CloneNo.: 241722G4
Source: Rabbit	ENSEMBL Gene ID: ENSG00000110651	Recommended Dilutions: FC: 1:500-1:2000
Type: scFv	Full Name: CD81 molecule	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG1036	Calculated MW: 26 kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : human PBMCs,
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

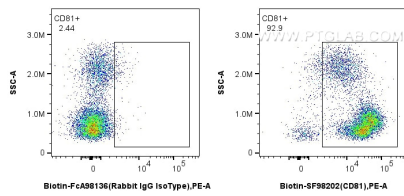
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 4% sucrose and 0.09% sodium azide, pH7.3

*** 20ul sizes contain 0.1% BSA

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



1x10⁶ FC receptor blocked human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD81 Rabbit RecAb (Biotin-SF98202, Clone: 241722G4) or Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9), and PE Streptavidin (Cat.No. PF00021). Cells were not fixed.