

For Research Use Only

CoraLite®594 Anti-Human CD81 Rabbit scFv Antibody

Catalog Number:CL594-SF98202



Basic Information

Catalog Number:

CL594-SF98202

Size:

100ug , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

EG1036

GenBank Accession Number:

NM_004356.4

GeneID (NCBI):

975

ENSEMBL Gene ID:

ENSG00000110651

Full Name:

CD81 molecule

Calculated MW:

26 kDa

Purification Method:

Affinity purification

CloneNo.:

241722G4

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin300, pH7.3

*** 20ul sizes contain 0.1% BSA

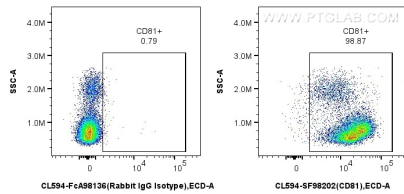
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

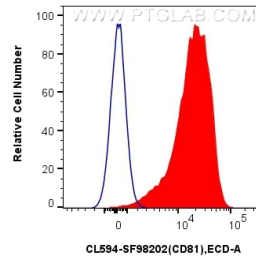
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite®594 Anti-Human CD81 Rabbit scFv Antibody (CL594-SF98202, Clone: 241722G4) or FcZero-rAb® CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite®594 Anti-Human CD81 Rabbit scFv Antibody (CL594-SF98202, Clone: 241722G4) (red) or FcZero-rAb® CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.