

For Research Use Only

Cardinal Red™ Anti-Human CD81 (5A6)



Catalog Number: **CR-65195**

Basic Information

Catalog Number: CR-65195	GenBank Accession Number: BC002978	Purification Method: Affinity purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 975	CloneNo.: 5A6
Source: Mouse	Full Name: CD81 molecule	Excitation/Emission maxima wavelengths: 592 nm / 611 nm
Isotype: IgG1, kappa	Calculated MW: 26 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

CD81 (also known as TAPA1or 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).

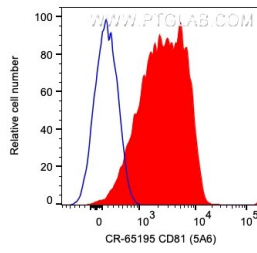
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

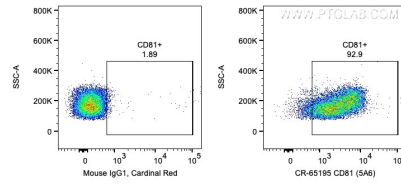
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 5 ul Cardinal Red™ Anti-Human CD81 (CR-65195, Clone:5A6) (red) or Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10). Cells were not fixed.



1X10⁶ human PBMCs were surface stained with 5 ul Cardinal Red™ Anti-Human CD81 (CR-65195, Clone:5A6) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.