

For Research Use Only

CoraLite® Plus 555 Anti-Human CD81 (5A6) Mouse IgG2a Recombinant Antibody

Catalog Number:**CL555-65644**



Basic Information

Catalog Number:	BC002978	Purification Method:
CL555-65644	CloneNo.:	Protein A purification
Concentration:	975	5A6
100 tests, 5 μ l/test	ENSEMBL Gene ID:	Recommended Dilutions:
Source:	ENSG00000110651	FC: 5 μ l per 10^6 cells in a 100 μ l suspension
Mouse	UNIPROT ID:	Excitation/Emission maxima wavelengths:
Isotype:	P60033	554 nm / 570 nm
IgG2a	Full Name:	
	CD81 molecule	
	Calculated MW:	
	26 kDa	

Applications

Tested Applications:	Positive Controls:
FC	FC : human peripheral blood leukocytes,
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 0.09% sodium azide and 0.5% BSA, pH7.3

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

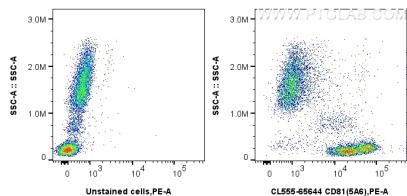
T: 4006900926

E: Proteintech-CN@ptglab.com

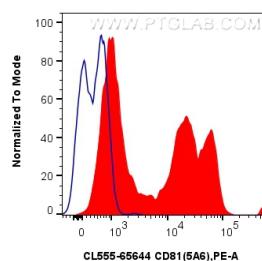
W: ptgcn.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 5 ul Coralite® Plus 555 Anti-Human CD81 (5A6) Mouse IgG2a RecAb (CL555-65644, Clone:5A6) (red) or 5 ul Coralite® Plus 555 Mouse IgG2a Isotype Control (C1.18.4) (CL555-65208, Clone: C1.18.4) (blue). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed.



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