

For Research Use Only

Biotin Anti-Human CD81 (5A6) Mouse IgG2a Recombinant Antibody

Catalog Number: Biotin-65644



Basic Information

Catalog Number: Biotin-65644	GenBank Accession Number: BC002978	Purification Method: Protein A purification
Size: 100ug , 500 µg/ml	GeneID (NCBI): 975	CloneNo.: 5A6
Source: Mouse	ENSEMBL Gene ID: ENSG00000110651	
Isotype: IgG2a	Full Name: CD81 molecule	
	Calculated MW: 26 kDa	

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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

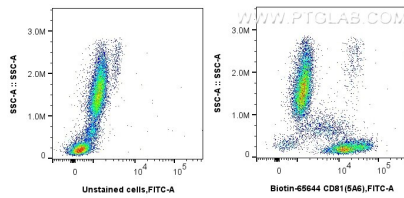
For technical support and original validation data for this product please contact:

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

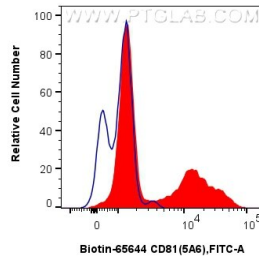
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human peripheral blood leukocytes were unstained or surface stained with 5 ul Biotin Anti-Human CD81 (5A6) Mouse IgG2a RecAb (Biotin-65644, Clone: 5A6) and CoraLite®488-conjugated streptavidin. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were unstained (blue) or surface stained with 5 ul Biotin Plus Anti-Human CD81 (5A6) Mouse IgG2a RecAb (Biotin-65644, Clone: 5A6) and CoraLite®488-conjugated streptavidin (red). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.