

For Research Use Only

CoraLite®594 Anti-Human CD81 (5A6)



Catalog Number: **CL594-65195**

Basic Information

Catalog Number:

CL594-65195

Size:

100tests, 5 ul/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC002978

GeneID (NCBI):

975

ENSEMBL Gene ID:

ENSG00000110651

UNIPROT ID:

P60033

Full Name:

CD81 molecule

Calculated MW:

26 kDa

Purification Method:

Protein G purification

CloneNo.:

5A6

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

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.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

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

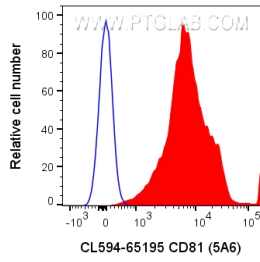
T: 4006900926

E: Proteintech-CN@ptglab.com

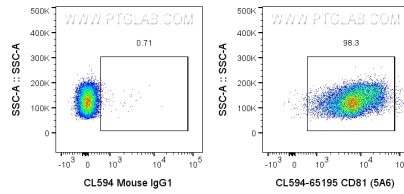
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite®594 Anti-Human CD81 (5A6) (CL594-65195) or CoraLite®594 Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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