

For Research Use Only

# Anti-Human CD81 (5A6) Mouse IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65644-1-PBS



## Basic Information

Catalog Number:

65644-1-PBS

Size:

1mg, 2 mg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC002978

GeneID (NCBI):

975

ENSEMBL Gene ID:

ENSG00000110651

Full Name:

CD81 molecule

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

5A6

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

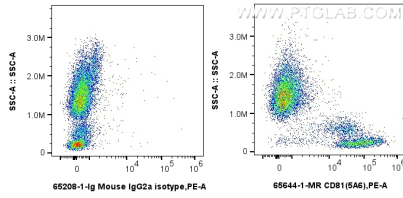
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

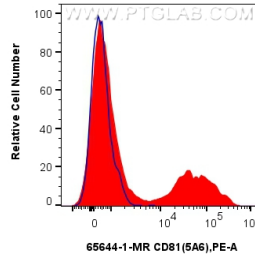
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD81 (5A6) Mouse IgG2a Recombinant Antibody (65644-1-MR, Clone: 5A6) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and PE-conjugated Goat Anti-Mouse IgG. Cells were not fixed. This data was developed using the same antibody clone with 65644-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD81 (5A6) Mouse IgG2a Recombinant Antibody (65644-1-MR, Clone: 5A6) (red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue) and PE-conjugated Goat Anti-Mouse IgG. Cells were not fixed. This data was developed using the same antibody clone with 65644-1-PBS in a different storage buffer formulation.