CoraLite® Plus 405 Anti-Human CD81 (5A6) Mouse IgG2a Recombinant Antibody

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Catalog Number:CL405-65644

Basic Information

Catalog Number:
CL405-65644

Size:
100tests , 5 ul/test

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

Excitation/Emission maxima wavelengths:
399 nm / 422 nm

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 en essential receptor for HCV (hepatitis C virus) (PMID: 21428934).

Storage

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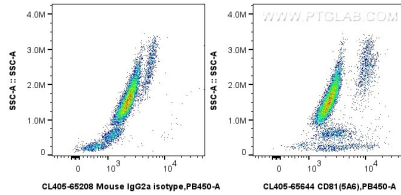**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data

1x10^6 human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 405 Anti-Human CD81 (5A6) Mouse IgG2a RecAb (CL405-65644, Clone: 5A6), or CoraLite® Plus 405 Mouse IgG2a Isotype Control (C1.18.4) (CL405-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed.
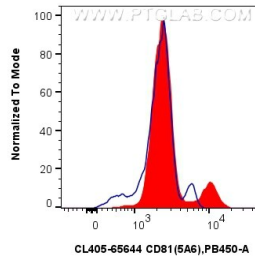
1x10^6 human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 405 Anti-Human CD81 (5A6) Mouse IgG2a RecAb (CL405-65644, Clone: 5A6) (red), or CoraLite® Plus 405 Mouse IgG2a Isotype Control (C1.18.4) (CL405-65208, Clone: C1.18.4) (blue). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed.