

For Research Use Only

Anti-Mouse CD81 (EAT2)

Catalog Number: 65220-1-Ig



Basic Information

Catalog Number:

65220-1-Ig

Size:

100ug, 0.5 mg/mL

Source:

Armenian Hamster

Isotype:

IgG

GenBank Accession Number:

BC011433

GeneID (NCBI):

12520

Full Name:

CD81 antigen

Purification Method:

Protein G purification

CloneNo.:

EAT2

Recommended Dilutions:

FC: 0.5 ug per 10⁶ cells in 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

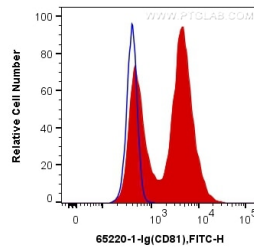
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Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD81 (65220-1-Ig, Clone:EAT2) and FITC anti-Armenian Hamster IgG Antibody at dilution 1:100 (red), or 0.5 ug Control Antibody. Cells were not fixed.