

For Research Use Only

CoraLite®488-conjugated CD81 Mouse McAb



Catalog Number: **CL488-65195**

Basic Information

Catalog Number:

CL488-65195

Size:

100tests , 5 µl/test

Source:

Mouse

Isotype:

Mouse IgG1, kappa

GenBank Accession Number:

BC002978

GeneID (NCBI):

975

Full Name:

CD81 molecule

Calculated MW:

26 kDa

Purification Method:

Protein G purification

CloneNo.:

5A6

Excitation/Emission maxima
wavelengths:

488 nm/515 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 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 0.1% sodium azide and 0.5% BSA, pH 7.3.

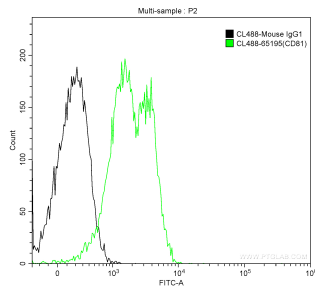
For technical support and original validation data for this product please contact:

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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 lymphocytes were surface stained with 5 ul CoraLite®488-conjugated Anti-Human CD81 (CL488-65195, Clone: 5A6) (green) or isotype control antibody (black). Samples were not fixed.