

For Research Use Only

# CoraLite®647-conjugated CD81 Mouse McAb



Catalog Number:CL647-65195

## Basic Information

<b>Catalog Number:</b> CL647-65195	<b>GenBank Accession Number:</b> BC002978	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 975	<b>CloneNo.:</b> 5A6
<b>Source:</b> Mouse	<b>Full Name:</b> CD81 molecule	<b>Excitation/Emission maxima wavelengths:</b> 650 nm/665 nm
<b>Isotype:</b> Mouse IgG1, kappa	<b>Calculated MW:</b> 26 kDa	

## 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

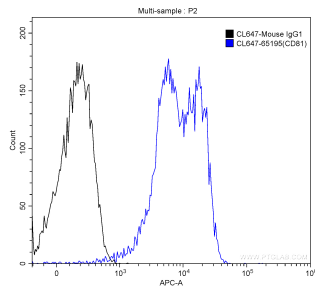
**Storage:**  
Store at 2-8°C. Avoid exposure to light.

**Storage Buffer:**  
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 5 ul CoraLite®647-conjugated Anti-Human CD81 (CL647-65195, Clone: 5A6) (blue) or isotype control antibody (black). Samples were not fixed.