

For Research Use Only

# FITC Plus Anti-Mouse CD81 (EAT2)

Catalog Number: FITC-65220 **1 Publications**



## Basic Information

<b>Catalog Number:</b> FITC-65220	<b>GenBank Accession Number:</b> BC011433	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug , 500 µg/ml	<b>GeneID (NCBI):</b> 12520	<b>CloneNo.:</b> EAT2
<b>Source:</b> Armenian Hamster	<b>Full Name:</b> CD81 antigen	<b>Excitation/Emission maxima wavelengths:</b> 495 nm / 524 nm
<b>Isotype:</b> IgG		

## Applications

**Tested Applications:**  
FC

**Cited Applications:**  
FC

**Species Specificity:**  
mouse

**Cited Species:**  
rat

## 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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Shi	36561044	Front Bioeng Biotechnol	FC

## Storage

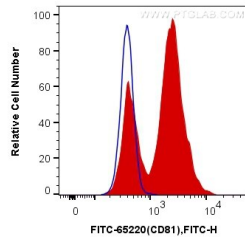
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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 W: ptglab.com

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## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface stained with 1 ug FITC Plus Anti-Mouse CD81 (FITC-65220, Clone: EAT2) (red) or 1 ug Control Antibody. Cells were not fixed.