

For Research Use Only

# CoraLite® Plus 555 Anti-Mouse CD81 (EAT2)



Catalog Number: CL555-65220

## Basic Information

Catalog Number:

CL555-65220

Size:

100ug, 500 µg/ml

Source:

Armenian Hamster

Isotype:

IgG

GenBank Accession Number:

BC011433

GeneID (NCBI):

12520

Full Name:

CD81 antigen

Purification Method:

Affinity purification

CloneNo.:

EAT2

Excitation/Emission maxima wavelengths:

554 nm / 570 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## 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. 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:

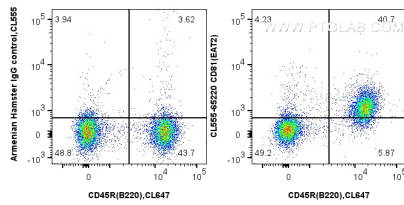
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 1 ug CoraLite® Plus 555 Anti-Mouse CD81 (EAT2) (CL555-65220, Clone: EAT2) or 1 ug Isotype Control, and 1 ug CoraLite® Plus 647 Anti-Mouse CD45R (B220) (RA3-6B2) (CL647-65139, Clone: RA3-6B2). Cells were not fixed.