

For Research Use Only

# Anti-Mouse CD81 (EAT2) Armenian Hamster Recombinant Antibody

Catalog Number: 65680-1-AR



## Basic Information

Catalog Number:

65680-1-AR

Size:

100ug, 1000 µg/ml

Source:

Armenian Hamster

Isotype:

IgG2a

GenBank Accession Number:

BC011433

GeneID (NCBI):

12520

UNIPROT ID:

P35762

Full Name:

CD81 antigen

Purification Method:

Protein A purification

CloneNo.:

EAT2

Recommended Dilutions:

FC: 0.25 µg per 10<sup>6</sup> cells in a 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

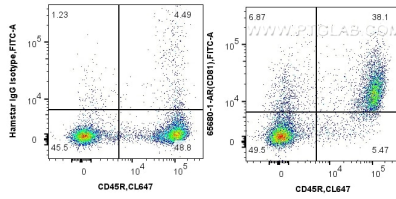
For technical support and original validation data for this product please contact:

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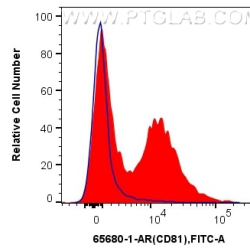
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD81 (EAT2) Armenian Hamster IgG2a RecAb (65680-1-AR, Clone:EAT2), or Armenian Hamster IgG Isotype Control (PIP) (65210-1-Ig, Clone: PIP) and FITC-conjugated Anti-Armenian Hamster IgG antibody. Cells were then stained with CoralLite® Plus 647 Anti-Mouse CD45R (B220). Cells were not fixed.



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD81 (EAT2) Armenian Hamster IgG2a RecAb (65680-1-AR, Clone:EAT2) (red), or Armenian Hamster IgG Isotype Control (PIP) (65210-1-Ig, Clone: PIP)(blue) and FITC-conjugated Anti-Armenian Hamster IgG antibody. Cells were not fixed.