

For Research Use Only

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

Catalog Number: 65680-1-PBS



## Basic Information

<b>Catalog Number:</b> 65680-1-PBS	<b>GenBank Accession Number:</b> BC011433	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1mg, 3 mg/ml	<b>GeneID (NCBI):</b> 12520	<b>CloneNo.:</b> EAT2
<b>Source:</b> Armenian Hamster	<b>UNIPROT ID:</b> P35762	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> CD81 antigen	

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

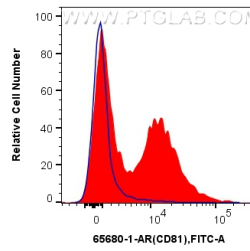
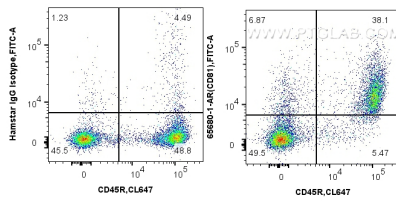
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



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 CoraLite® Plus 647 Anti-Mouse CD45R (B220). Cells were not fixed. This data was developed using the same antibody clone with 65680-1-PBS in a different storage buffer formulation.

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. This data was developed using the same antibody clone with 65680-1-PBS in a different storage buffer formulation.