

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CD81 (EAT2)



Catalog Number: CL647-65220

Basic Information

Catalog Number: CL647-65220	GenBank Accession Number: BC011433	Purification Method: Protein G purification
Size: 100ug, 500 µg/ml	GeneID (NCBI): 12520	CloneNo.: EAT2
Source: Armenian Hamster	Full Name: CD81 antigen	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG		

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

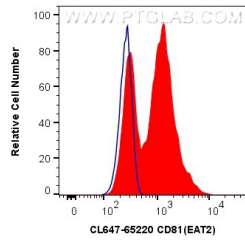
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% 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
W: ptglab.com

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

Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with 1 ug CoraLite® Plus 647 Anti-Mouse CD81 (CL647-65220, Clone: EAT2) (red) or 1 ug Control Antibody. Cells were not fixed.