

Technical Data Sheet

Anti-Human CD81

Catalog Number: 109701, 109702

Size: 100 ug, 500 ug

Target Name: CD81, S5.7, CVID6, TSPAN28

Regulatory Status: RUO

Product Details

Clone: 081AM2b

Application: FC

Reactivity: Human

Format: Purified

Isotype: Mouse IgG2b

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Protein Concentration: 0.5 mg/mL

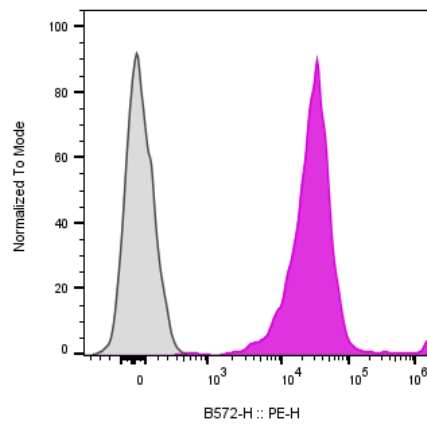
Storage&Handling: The antibody solution should be stored between 2°C and 8°C

Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.25 ug of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application

Background Information

CD81 molecule, also known as CD81 (Cluster of Differentiation 81), is a protein which in humans is encoded by the CD81 gene.[5][6] It is also known as 26 kDa cell surface protein, TAPA-1 (Target of the Antiproliferative Antibody 1), and Tetraspanin-28 (Tspan-28). CD81 is expressed on T and B cells, NK cells, monocytes, dendritic cells, thymocytes, endothelial cells, and fibroblasts. It also has low levels of expression on granulocytes. CD81 induces B cell adhesion via VLA-4 integrin and has been shown to play a role in early T cell development.

Product Data



Human peripheral blood lymphocytes stained either with purified Anti-Human CD81 clone 081AM2b (color-filled histogram) or an isotype control (gray histogram), followed by PE anti-mouse IgG.