

Manufacturer/Supplier:

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Product name: Anti-Human CD81 Monoclonal
Antibody(PerCP/Cyanine5.5 Conjugated)

Catalog: DL20879F

Synonyms: CD81 antigen, CD81, 26 kDa cell surface protein
TAPA-1, Target of the antiproliferative antibody
1. Tetraspanin-28, Tspan-28, APA1, TSPAN28

Background: CD81 is a 26 kD non-glycosylated member of the tetraspanin superfamily (TM4SF), also known as TAPA-1 (target of an antiproliferative antibody). 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. CD81

associates with several other cell- surface proteins in a multimolecular complex, including CD19, CD21, CD20, CD37, CD53, and CD82 in B cells, and CD4, CD8 and CD82 in T cells.

Form: Liquid

Isotype: Mouse IgG1, κ

Size: 20 Tests/50 Tests/100

Host: Mouse

Tests/200 Tests

Reactivity: Human

Application: FCM

Concentration:

Conjugation: PerCP/Cyanine5.5

SwissProt: P60033

Buffer: PBS with 0.05% Proclin300, 1% BSA

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ l staining volume or per 100 μ l of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data:

Human peripheral blood lymphocytes are stained with Anti-Human CD81 Monoclonal Antibody(PerCP/Cyanine5.5 Conjugated)(filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.