

Manufacturer/Supplier:

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Product name: AF/LE Purified Anti-Human CD19 Monoclonal
Antibody

Catalog: DL21605F

Synonyms: B4, CVID3, B-lymphocyte antigen
CD19, B-lymphocyte surface antigen B4, T-cell
surface antigen Leu-12

Background: CD19 is a 95 kD type I transmembrane glycoprotein also known as B4. It is a member of the immunoglobulin superfamily expressed on B-cells (from pro-B to blastoid B cells, absent on plasma cells) and follicular dendritic cells. CD19 is involved in B cell development, activation, and differentiation. CD19 forms a complex with CD21 (CR2) and CD81 (TAPA-1), and functions as a BCR co-receptor.

Form: Liquid

Isotype: Mouse IgG1, κ

Size: 50 μ g/500 μ g/1mg

Host: Mouse

Reactivity: Human

Application: FA, FCM, IF

Concentration: 0.5 mg/mL

Conjugation: None (Purified antibody, Azide Free/Low endotoxin)

SwissProt: P15391

Buffer: 0.2 μ m filtered in PBS, pH7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1 \mu$ g per 10^6 cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:



Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.