

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD19 Monoclonal Antibody(AF488  
Conjugated)

**Catalog:** DL21616F

**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,  $\kappa$

**Size:**

**Host:** Mouse

20Tests/50Tests/100Tests/200Test  
s

**Reactivity:** Human

**Application:** FCM

**Concentration:**

**Conjugation:** AF488

**SwissProt:** P15391

**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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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 CD19 Monoclonal Antibody(AF488 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.