

**Manufacturer/Supplier:**

WUXI DONGLIN SCI&TECH DEVELOPMENT CO., LTD

**Address:** A1-203 Mingpin CityII, No.8 Xihudong Road, Liangxi District  
Wuxi Jiangsu Province, China

TELE: 86-510-82732223

FAX: 86-510-82720101-8014

**Web :** [www.dldevelop.com](http://www.dldevelop.com)

Email: [info@dldevelop.com.cn](mailto:info@dldevelop.com.cn)    [service@dldevelop.com.cn](mailto:service@dldevelop.com.cn)

**Product name:** Purified Anti-Human CD19 Monoclonal Antibody

**Catalog:** DL21606F

**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:** 25µg/100µg

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM, IF

**Concentration:** 0.5 mg/mL

**Conjugation:** Unconjugated

**SwissProt:** P15391

**Buffer:** PBS with 0.05% Proclin300

### **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  $\leq 1 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  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.