

**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:** Anti-Mouse CD64 Monoclonal Antibody(APC  
Conjugated)

**Catalog:** DL22044F

**Synonyms:** Fcγ1, Fcγr1, FcRI, CD64, IgG Fc receptor I

**Background:** CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcRI. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and mast cells. The expression can be upregulated by IFN-γ stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of IgG/antigen complexes, and antibody-dependent cellular cytotoxicity (ADCC).

**Form:** Liquid

**Isotype:** Mouse IgG1, κ

**Size:** 25µg/100µg

**Host:** Mouse

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 0.2 mg/mL

**Conjugation:** APC

**SwissProt:** P26151

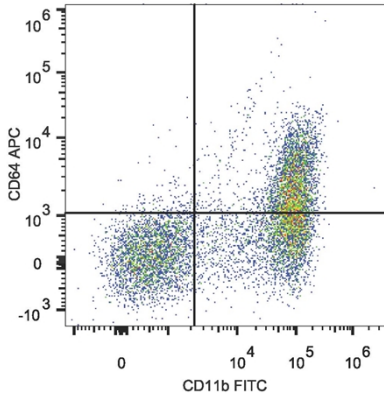
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup>cells in 100 µL volume].

### **Data:**

C57BL/6 murine bone marrow cells are stained with Anti-Mouse CD64 Monoclonal Antibody(APC Conjugated)[Used at 0.2 µg/10<sup>6</sup> cells dilution]and Anti-Mouse CD11b Monoclonal Antibody(FITC Conjugated).



### 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.