

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD64 Monoclonal Antibody(PE  
Conjugated)

**Catalog:** DL22039F

**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:**

50Tests/100Tests/100Tests×2

**Host:** Mouse**Reactivity:** Mouse**Application:** FCM**Concentration:** 5  $\mu$ L**Conjugation:** PE**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. 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.

**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.