

Purified Anti-Human CD64 Antibody[10.1]

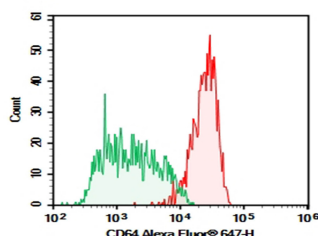
catalog number: E-AB-F1082A

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

| | |
|-------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone | 10.1 |
| Buffer | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

Data



Human peripheral blood monocytes were stained with 0.2 μ g Purified Anti-Human CD64 Antibody[10.1] (Right) and 0.2 μ g mouse IgG1, κ Isotype Control (Left), followed by AF647-conjugated goat Anti-mouse IgG Secondary Antibody, then anti-human CD14 FITC-conjugated Monoclonal Antibody.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

CD64 is a 72 kD single chain type I glycoprotein also known as Fc γ RI and FcR I. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and activated granulocytes. 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).

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