

AF/LE Purified Anti-Human CD64 Antibody[10.1]

catalog number: E-AB-F10820

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

Description

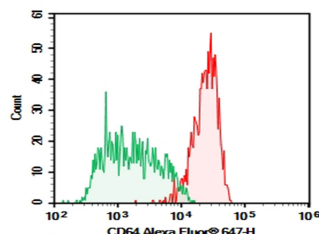
Reactivity	Human
Immunogen	Recombinant Human CD64 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	10.1
Purification	>98%, Protein A/G purified
Conjugation	None (AF/LE)
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

Applications

Recommended Dilution

FCM	2 $\mu\text{g/mL}$ (1×10^5 - 5×10^5 cells)
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Data



Human peripheral blood monocytes were stained with 0.2 μg AF/LE Purified Anti-Human CD64 Antibody[10.1] (Right) and 0.2 μg 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. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
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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