

A Reliable Research Partner in Life Science and Medicine

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

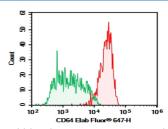
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications Recommended Dilution

FCM $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$

Data



Human peripheral blood monocytes were stained with 0.2µg AF/LE Purified Anti-Human CD64 Antibody[10.1] (Right) and 0.2µg mouse IgG1,κ Isotype Control (Left), followed by Elab

Fluor[®] 647-conjugated goat Anti-mouse IgG Secondary Antibody, then anti-human CD14 FITC-conjugated

Monoclonal Antibody.

Preparation & Storage

Storage Storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under as eptic conditions.

Shipping Ice bag

Background

CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI 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).

For Research Use Only

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 Rev. V1.5