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Purified Anti-Human CD163 Antibody[GHI/61]

catalog number: E-AB-F12980P

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

Description

Reactivity Human

Immunogen Recombinant Human CD163 protein

Host Mouse

Isotype Mouse IgG1, κ

Clone GHI/61

Purification >98%, Protein A/G purified

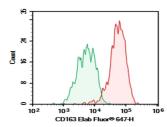
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



Human peripheral blood monocytes were stained with 0.2 μg Purified Anti-Human CD163 Antibody[GHI/61] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by

Elab Fluor[®] 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage Storage, avoid freeze /

thaw cycles.

Shipping Ice bag

Background

The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

For Research Use Only

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