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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti- Human CD64 (10.1)

Fluorochrome	Reference	Size
Pure	64PU-OIMG	100 test
FITC	64F-100T	100 test
PE	64PE-100T	100 test
APC	64A-100T	100 test
PerCP	64PP-100T	100 test

PRODUCT DESCRIPTION

Clone: 10.1

Isotype: IgG1

Tested application: flow cytometry

Immunogen: The anti-CD64 monoclonal antibody derives from human rheumatoid synovial fluid cells and fibronectin-purified monocytes.

Species reactivity: Human, Cross-Reactivity: Chimpanzee, Baboon, Cynomolgus, Rhesus, Capuchin Monkey, Squirrel Monkey.

Storage instruction: store in the dark at 2-8 °C

Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN₃).

Recommended usage: Immunostep's CD64, clone 10.1 is a monoclonal antibody intended for the identification and enumeration of monocytes, macrophages, dendritic cells, granulocytes activated with interferon-gamma and early myeloid lineage cells using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using $\leq 1 \mu\text{g}/10^6$ cells.

Presentation: liquid

Source: Supernatant proceeding from an *in vitro* cell culture of a cell hybridoma.

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: This antibody reacts with the CD64-antigen (FcRI), a 75 kDa type I transmembrane protein. CD64 is the high affinity receptor for IgG and is involved in antibody-dependent cell-mediated cytotoxicity (ADCC), phagocytosis, and regulation of cytokine production.⁽¹⁻⁴⁾

Other names: High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I, Fc-gamma RI, FcRI, Fc-gamma R1A, Fc-gammaR1a.

Gene ID: 2209

Molecular weight: 75 kDa

Please, refer to <http://immunostep.com/content/31-support> for technical information.

WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties. Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

REFERENCES

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- Hashimoto S, Yamada M, Motoyoshi K, Aragawa KS. Enhancement of macrophage colony-stimulating factor-induced growth and differentiation of human monocytes by interleukin-10. *Blood*1997 Jan 01;89(1):315-21.
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