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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti- Human CD71 (FG2/12)

Fluorochrome	Reference	Size
Pure	71PU-OIMG	100 test
FITC	71F-100T	100 test
PE	71PE-100T	100 test
APC	71A-100T	100 test
PerCP	71PP-100T	100 test
Biotin	71B-OIMG	100 test
CF- Blue	71CFB-100T	100 test
APC-C750	71AC750-100T	100 test

PRODUCT DESCRIPTION

Clone: FG2/12

Isotype: IgG1

Tested application: flow cytometry

Immunogen: The anti-CD71 monoclonal antibody derives from human TFRC.

Species reactivity: Human

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 CD71, clone FG2/12, is a monoclonal antibody intended for the identification and enumeration of human Transferrin receptor protein 1 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 CD71-antigen, which is expressed on is expressed on proliferating cells, reticulocytes, and erythroid precursors, expression is very low on resting leukocytes, it is a 95 kD type II heterodimeric transmembrane glycoprotein also known as T9 and transferrin receptor. CD71 plays a role in the control of cellular proliferation by facilitating the uptake of iron via ferrotransferrin binding and the recycling of apotransferrin to the cell surface.⁽¹⁻⁴⁾

Other Names: T9, Transferrin receptor, Transferrin receptor protein 4

Gene ID: 7037

Molecular weight: 91 kDa

Please, refer to www.immunostep.com technical support for more 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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3. Dertinger SD, Torous DK, Hall NE, Murante FG, Gleason SE, Miller RK, et al. Enumeration of micronucleated CD71-positive human reticulocytes with a single-laser flow cytometer. *Mutat Res*2002 Mar 25;515(1-2):3-14.
4. Malcovati L, Della Porta MG, Lunghi M, Pascutto C, Vanelli L, Travaglino E, et al. Flow cytometry evaluation of erythroid and myeloid dysplasia in patients with myelodysplastic syndrome. *Leukemia*2005 May;19(5):776-83.

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