

Anti-Human CD15 (MCS-1)



FITC	15F-100T	100 test
PE	15PE-100T	100 test
APC	15A-100T	100 test



1. PRODUCT DESCRIPTION

- **Clone:** MCS-1;
- **Isotype:** IgG3;
- **Tested application:** flow cytometry;
- **Immunogen:** The anti-CD15 monoclonal antibody derives from white blood cells;
- **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 CD15, clone MCS-1 is a monoclonal antibody intended for the identification and enumeration of human neutrophils, monoblastoid precursor cells of the myeloid lineage, eosinophils, and some monocytes, but not on basophils and lymphocytes using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10⁶ cells;
- **Presentation:** liquid;
- **Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
- **Purification:** Affinity chromatography;
- **Other names:** 3-FAL antibody, Alpha-3-fucosyltransferase antibody, ELAM 1 ligand antibody;
- **Gene ID:** 2526;
- **Molecular weight:** 105, 135, 165, 185, 220 kDa.

2. ANTIGEN DETAILS

Large description: The monoclonal antibody is directed against the CD15- antigen (the FAL structure) of human polymorphonuclear cells. The monoclonal antibody reacts with the promyelocytes, myelocytes and polymorphonuclear cells. After neuraminidase treatment of cells the FAL structure is expressed on all cells of the monocytic and myelocytic lineage. This monoclonal antibody does not react with platelets and cells of the T and B lymphocyte lineage.⁽¹⁻⁴⁾

3. 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.

4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

Not for resale. Immunostep will not be responsible of violations that may occur with the use of this product. Any use of this product other than the specified in this document is strictly prohibited.







Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

Please, refer to www.immunostep.com technical support for more information.

5. REFERENCES

1. Civin CI, Mirro J, Banquerigo ML. My-1, new myeloid-specific antigen identified by a mouse monoclonal antibody. *Blood* 1981 May;57(5):842-5.
2. Majdic O, Liszka K, Lutz D, Knapp W. Myeloid differentiation antigen defined by a monoclonal antibody. *Blood* 1981 Dec;58(6):1127-33.
3. Howie AJ, Brown G, Fisher AG, Khan M. Widespread distribution in human tissues of an antigenic determinant of granulocytes. *J Clin Pathol* 1984 May;37(5):555-9.
4. Orfao A, Chillon MC, Bortoluci AM, Lopez-Berges MC, Garcia-Sanz R, Gonzalez M, et al. The flow cytometric pattern of CD34, CD15 and CD13 expression in acute myeloblastic leukemia is highly characteristic of the presence of PML-RARalpha gene rearrangements. *Haematologica* 1999 May;84(5):405-12.

6. EXPLANATION OF SYMBOLS

	Fluorochrome
	Product reference
	Content for <n> analysis
	Regulatory Status
	Research Use Only
	Manufacturer

7. MANUFACTURED BY: IMMUNOSTEP S.L.



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