

Anti-Human CD5 (L17F12)



FITC	5F-100T	100 test
APC	5A-100T	100 test



1. PRODUCT DESCRIPTION

- **Clone:** L17F12;
- **Isotype:** IgG2a;
- **Tested application:** flow cytometry;
- **Immunogen:** The anti-CD5 monoclonal antibody derives from Human acute lymphoblastic leukemia (ALL) T 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 CD5, clone L17F12, is a monoclonal antibody intended for the identification and enumeration of T lymphocytes CD5+ using flow cytometry. This reagent is effective for direct immunofluorescence staining of humantissue 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:** T1, Lyl, Tp67, Leu-1, Lymphocyte antigen T1/Leu-1, T-cell surface glycoprotein CD14;
- **Gene ID:** 921;
- **Molecular weight:** Scavenger receptor superfamily, 67 kDa.

2. ANTIGEN DETAILS

Large description: The monoclonal antibody is directed against the CD5-antigen (T1-antigen), which is expressed on human T lymphocytes. The nonoclonal antibody reacts with 90% of human peripheral T lymphocytes, medullary thymocytes as well as with lymphocytes of patients with chronic B-cell derived leukaemia. It is also expressed on a small subpopulation of normal B cells in a range of neoplastic B cells. The antibody does not react with, monocytes, granulocytes and platelets.⁽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. Engleman EG, Warnke R, Fox RI, Dille J, Benike CJ, Levy R. Studies of a human T lymphocyte antigen recognized by a monoclonal antibody. Proc Natl Acad Sci U S A 1981 Mar;78(3):1791-5.
2. Gong JZ, Lagoo AS, Peters D, Horvatinovich J, Benz P, Buckley PJ. Value of CD23 determination by flow cytometry in differentiating mantle cell lymphoma from chronic lymphocytic leukemia/small lymphocytic lymphoma. Am J Clin Pathol 2001 Dec;116(6):893-7.
3. McAlister MS, Davis B, Pfuhl M, Driscoll PC. NMR analysis of the N-terminal SRCR domain of human CD5: engineering of a glycoprotein for superior characteristics in NMR experiments. Protein Eng 1998 Oct;11(10):847-53.
4. Shuster JJ, Falletta JM, Pullen DJ, Crist WM, Humphrey GB, Dowell BL, et al. Prognostic factors in childhood T-cell acute lymphoblastic leukemia: a Pediatric Oncology Group study. Blood 1990 Jan 1;75(1):166-73.

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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