

Anti-Human CD5 (CRIS-1;33-1C6)



PURE	5PUI	1 mg	1 mg/ml
FITC	5FI-100T	100 test	20 µL/test
PE	5PEI-100T	100 test	20 µL/test
PerCP-Cyanine5.5	5PPC5.5I-100T	100 test	5 µL/test
APC	5AI-100T	100 test	20 µL/test

RUO

1. PRODUCT DESCRIPTION

Clone: CRIS-1 (33-1C6);

Isotype: IgG2a;

Tested application: flow cytometry;

Immunogen: The anti-CD5 monoclonal antibody derives from stimulated human leukocytes;

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 33-1C6, is a monoclonal antibody intended for the identification of T lymphocytes CD5+ 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: T1, Lyl, Tp67, Leu-1, Lymphocyte antigen T1/Leu-1;

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) a 67kDa transmembrane protein, which is identified as CD5 (HLDA I; WS Code T 29HLDA III; WS Code T 530), which is expressed on human T lymphocytes⁽¹⁾.

The monoclonal 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 as a range of neoplastic B cells. The antibody does not react with, monocytes, granulocytes and platelets.⁽²⁾

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

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5. REFERENCES

1. Calvo J, Padilla O, Places L, Vigorito E, Vilà JM, Vilella R, Milà J, Vives J, Bowen MA, Lozano F. Relevance of individual CD5 extracellular domains on antibody recognition, glycosylation and co-mitogenic signalling. *Tissue Antigens*. 1999 Jul;54(1):16-26.
2. Braylan RC, Orfao A, Borowitz MJ, Davis BH. Optimal number of reagents required to evaluate hematolymphoid neoplasias: results of an international consensus meeting. *Cytometry* 2001;46:23-7.

6. EXPLANATION OF SYMBOLS

	Form
REF	Catalog reference
	Contains sufficient for <n> test
	Regulatory Status
	Quantity per test
RUO	Research Use Only
	Manufacturer

7. MANUFACTURED BY:



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