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

	REF	Σ			
PURE	5PU1	1 mg	1 µg/test		
FITC	5F1-100T	100 test	20 µL/test		
PE	5PE1-100T	100 test	20 µL/test	RUO	
PerCP-Cyanine5.5	5PPC5.51-100T	100 test	5 µL/test		
APC	5A1-100T	100 test	20 µL/test		

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 (NaN_3);
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 10^6 cells;
Presentation: liquid;
Source: Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
Purification: Affinity chromatography;
Other names: T1, Ly1, 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

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. 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 valuate hematolymphoid neoplasias: results of an international consensus meeting. Cytometry 2001;46:23-7.

6. EXPLANATION OF SYMBOLS

	Fluorochrome
REF	Product reference
Σ	Content for <n> analysis
	Regulatory Status
	ISO 15223
RUO	Research Use Only
	Manufacturer

7. MANUFACTURED BY:

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