

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

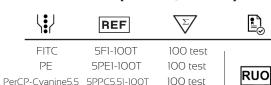
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Anti-Human CD5 (CRIS-1;33-1C6)

5A1-100T



PRODUCT DESCRIPTION

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

APC

- Isotype: IgG2a;
- Tested application: flow cytometry;
- Immunogen: The anti-CD5 monoclonal antibody derives from stimulated human leukocytes:

100 test

- 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-IC6, 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 IO⁶ 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 (TI-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⁽ⁱ⁾.

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]

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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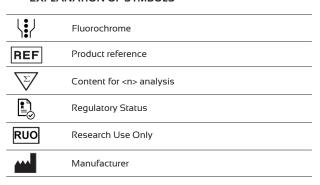
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REFERENCES

- 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.
- 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



MANUFACTURED BY:

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IMMUNOSTEP S.L.

Address: Avda. Universidad de Coimbra, s/n Cancer Research Center (C.I.C)

Campus de Unamuno 37007 Salamanca (Spain)

immunostep

Telf./fax: (+34) 923 294 827
E-mail: info@immunostep.com
www.immunostep.com

Revision N° 2 | Emission date: 12/05/2022