Anti- Human Terminal-Deoxynucleotidyl Transferase (TdT) (HT-6)

	REF	Σ		
FITC	TDTF-50T	50 test	20 µL/test	RUO

1. PRODUCT DESCRIPTION

Clone: HT-6;
Isotype: Mouse IgG1, kappa;
Tested application: flow cytometry;
Immunogen: The anti-TdT monoclonal antibody derives from Purified Human TdT;
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 TdT, clone HT-6 is a monoclonal antibody intended for the identification of human TdT antigen 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: Terminal transferase;
Gene ID: 116092;
Molecular weight: 58 kDa.

2. ANTIGEN DETAILS

Large description: Terminal deoxynucleotidyl transferase (TdT) is involved in DNA polymerization and is localized in the nucleus of hematopoietic cells, precursor T- and a subset of precursor B-cells. Detection of nuclear expression of TdT by flow cytometry is a valuable technique in the characterization of leukemias and monitoring minimal residual leukemic cells.[1-5]

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. Bollum FJ. Terminal deoxynucleotidyl transferase as a hematopoietic cell marker. Blood. 1979;54:1203-1215.
2. Gore SD, Kastan MB, Civin CI. Normal human bone marrow precursors that express terminal deoxynucleotidyl transferase include T-cell precursors and possible lymphoid stem cells. Blood. 1991;77:1681-1690.
3. Horvatinovich JM, Sparks SD, Borowitz MJ. Detection of terminal deoxynucleotidyl transferase by flow cytometry: a three color method. Cytometry. 1994;18:228-230.
4. Paietta E, Meenan B, Heavey C, Thomas D. Detection of terminal transferase in acute myeloid leukemia by flow cytometry. Cytometry. 1994;16:256-261.
5. Waldmann TA. The arrangement of immunoglobulin and T cell receptor genes in human lymphoproliferative disorders. Adv Immunol. 1987;40:247-321.

6. EXPLANATION OF SYMBOLS

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

7. MANUFACTURED BY:

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