

Anti-Human CD8 (143-44)



REF



PURE	8PUI	1 mg	1 mg/ml
FITC	8FI-100T	100 test	20 µL/test
PE	8PEI-100T	100 test	20 µL/test
APC	8AI-100T	100 test	5 µL/test
PerCP-Cyanine5.5	8PPC5.5-100T	100 test	5 µL/test
APC-C750	8AC750-100T	100 test	5 µL/test

RUO

1. PRODUCT DESCRIPTION

Clone: 143-44;
Isotype: IgG1;
Tested application: flow cytometry;
Immunogen: The anti-CD8 monoclonal antibody derives from 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 CD8, clone 143-44, is a monoclonal antibody intended for the identification and enumeration of human T cells suppressor/cytotoxic 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: T8, Leu2;
Gene ID: 925;
Molecular weight: 30/32 kDa.

2. ANTIGEN DETAILS

Large description: The monoclonal antibody is directed against the CD8-antigen (T8-antigen), which is expressed on human T lymphocytes. The monoclonal antibody reacts with 20-30% of human peripheral T lymphocytes. The monoclonal antibody reacts with T lymphocytes with suppressor-cell activity in pokeweed mitogen- stimulated immunoglobulin production, as was shown in separation experiments (i.e., "panning"). The monoclonal antibody does not react with B-cells, monocytes, granulocytes and platelets.⁽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

- Lyle S, Christofidou-Solomidou M, Liu Y, Elder DE, Albelda S, Cotsarelis G. Human hair follicle bulge cells are biochemically distinct and possess an epithelial stem cell phenotype. *J Invest Dermatol Symp Proc*1999 Dec;4(3):296-301.
- Mason DY, Cordell JL, Gaulard P, Tse AG, Brown MH. Immunohistological detection of human cytotoxic/suppressor T cells using antibodies to a CD8 peptide sequence. *J Clin Pathol*1992 Dec;45(12):1084-8.
- Nuckols JD, Shea CR, Horenstein MG, Burchette JL, Prieto VG. Quantitation of intraepidermal T-cell subsets in formalin-fixed, paraffin-embedded tissue helps in the diagnosis of mycosis fungoides. *J Cutan Pathol*1999 Apr;26(4):169-75.
- Takahashi K, Nakata M, Tanaka T, Adachi H, Nakauchi H, Yagita H, et al. CD4 and CD8 regulate interleukin 2 responses of T cells. *Proc Natl Acad Sci U S A*1992 Jun 15;89(12):5557-61.
- Yamagata K, Tanaka M, Kudo H. A quantitative immunohistochemical evaluation of inflammatory cells at the affected and unaffected sites of inflammatory bowel disease. *J Gastroenterol Hepatol*1998 Aug;13(8):801-8.

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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