

Anti-Human CD4 (HP2/6)









FITC	4F-100T	100 test
PE	4PE-100T	100 test
APC	4A-100T	100 test
CF-Blue	4CFB-100T	100 test
APC-C750	4AC750-100T	100 test
PerCP-Cyanine5.5	4PPC5.5-100T	100 test
PerCP	4PP-100T	100 test

RUO

5. REFERENCES

- Mason D. Leucocyte typing VII : white cell differentiation antigens : proceedings of the Seventh International Workshop and Conference held in Harrogate, United Kindom. Oxford: Oxford University Press; 2002.
- Miedema F, Van Oostveen JW, Sauerwein RW, Terpstra FG, Aarden LA, Melief CJ. Induction of immunoglobulin synthesis by interleukin 2 is T4+/T8- cell dependent. A role for interleukin 2 in the pokeweed mitogen-driven system. Eur J Immunol1985 Feb;15(2):107-12.
- Petrella T, Dalac S, Maynadie M, Mugneret F, Thomine E, Courville P, et al. CD4+ CD56+ cutaneous neoplasms: a distinct hematological entity? Groupe Francais d'Etude des Lymphomes Cutanes (GFELC). Am J Surg Pathol1999 Feb;23(2):137-46.

6. EXPLANATION OF SYMBOLS

	Fluorochrome
	Product reference
	Content for <n> analysis
	Regulatory Status
	Research Use Only
	Manufacturer

1. PRODUCT DESCRIPTION

- Clone:** HP2/6;
- Isotype:** IgG2a;
- Tested application:** flow cytometry;
- Immunogen:** The anti-CD4 monoclonal antibody derives from T cells from leukemic HPB-ALL;
- 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 CD4, clone HP2/6, is a monoclonal antibody intended for the identification of Helper/Inducer T cell 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:** T4, L3T4, T-cell surface glycoprotein CD4, T-cell surface antigen T4/Leu-7;
- Gene ID:** 920;
- Molecular weight:** Ig superfamily, type I transmembrane glycoprotein, 55 kDa.

2. ANTIGEN DETAILS

Large description: The monoclonal antibody is directed against the CD4-antigen (T4-antigen), which is expressed on human peripheral T lymphocytes and 80% of thymocytes. The monoclonal antibody reacts on a low level with human monocytes and macrophages. The monoclonal antibody does not react with B-cells , granulocytes and thrombocytes.⁽¹⁻³⁾

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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7. MANUFACTURED BY: IMMUNOSTEP S.L.



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