







Anti-Human CD4 (HP2/6)

				
PURE	4PU	1 mg	1 µg/test	
FITC	4F-100T	100 test	20 µg/test	
PE	4PE-100T	100 test	20 µg/test	
APC	4A-100T	100 test	5 µg/test	
CF-Blue	4CFB-100T	100 test	5 µg/test	
APC-C750	4AC750-100T	100 test	5 µg/test	
PerCP-Cyanine5.5	4PPC5.5-100T	100 test	5 µg/test	
PerCP	4PP-100T	100 test	5 µg/test	

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

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

- 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
	ISO 15223
	Research Use Only
	Manufacturer

7. MANUFACTURED BY:

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