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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti- Human CD2 (TP1/31)

Fluorochrome	Reference	Size
Pure	2PU-OIMG	100 test
FITC	2F-100T	100 test
PE	2PE-100T	100 test
PerCP	2PP-100T	100 test
APC	2A-100T	100 test
Biotin	2B-OIMG	100 test
CF-Blue	2CFB-100T	100 test

PRODUCT DESCRIPTION

Clone: TP1/31

Isotype: IgG1

Tested application: flow cytometry

Immunogen: The anti-CD2 monoclonal antibody derives from PMA and Ionomycin activated T cells blast (human).

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 CD2, clone TP1/31^(1,2), is a monoclonal antibody intended for the identification and enumeration of human peripheral T lymphocytes and 90% of the thymocytes using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using $\leq 1 \mu\text{g}/10^6$ cells.

Presentation: liquid

Source: Supernatant proceeding from an *in vitro* cell culture of a cell hybridoma.

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: The TP1/31 monoclonal antibody is directed against the CD2-antigen, which is expressed on human T lymphocytes. The monoclonal antibody reacts with all human peripheral T lymphocytes and 90% of the thymocytes⁽³⁻⁵⁾. The monoclonal antibody blocks the rosette-formation of human T lymphocytes with sheep erythrocytes.

Other Names: T11, LFA-2, CD2R, E-rosette receptor, Erythrocyte receptor, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-7

Gene ID: 914

Molecular weight: 50 kDa

Please, refer to <http://immunostep.com/content/31-support> for technical information.

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.

REFERENCES

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3. Orfao A, Ciudad J, Gonzalez M, Lopez A, del Mar Abad M, Paz Bouza JI, et al. Flow cytometry in the diagnosis of cancer. Scand J Clin Lab Invest Suppl1995;221:145-52.
4. Kaleem Z, White G, Zutter MM. Aberrant expression of T-cell-associated antigens on B-cell non-Hodgkin lymphomas. Am J Clin Pathol2001 Mar;115(3):396-403.
5. Thalhammer-Scherrer R, Mitterbauer G, Simonitsch I, Jaeger U, Lechner K, Schneider B, et al. The immunophenotype of 325 adult acute leukemias: relationship to morphologic and molecular classification and proposal for a minimal screening program highly predictive for lineage discrimination. Am J Clin Pathol2002 Mar;117(3):380-9.

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