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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti- Human CD7 (HIT7)

Fluorochrome	Reference	Size
Pure	7PU-OIMG	100 test
FITC	7F-100T	100 test
PE	7PE-100T	100 test
PerCP	7PP-100T	100 test
APC	7A-100T	100 test
Biotin	7B-OIMG	100 test
CF-Blue	7CFB-100T	100 test

PRODUCT DESCRIPTION

Clone: HIT7

Isotype: IgG1

Tested application: flow cytometry

Immunogen: The anti-CD7 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 CD7, clone HIT7, is a monoclonal antibody intended for the identification and enumeration of human T cells 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 monoclonal antibody is directed against the CD7-antigen (3A1-antigen), which is expressed on human T lymphocytes. The monoclonal antibody reacts with the cells of the T lymphocyte lineage, with the cells of patients with a Lymphocytic Leukaemia of the T lymphocyte origin, and with the cells of patients with the Sezary Syndrome. Platelets and cells of the B lymphocyte myelocytic and monocytic lineage are found negative.⁽¹⁻⁶⁾

Other Names: gp40, T-cell antigen CD7, GP40, T-cell leukemia antigen, T-cell surface antigen Leu-9, TP48

Gene ID: 924

Molecular weight: 40 kDa

Please, refer to www.immunostep.com technical support for more 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

1. Al Saati T, Alibaud L, Lamant L, Boyes J, March M, Delsol G. A new monoclonal anti-CD7 antibody reactive on paraffin sections. *Appl Immunohistochem Mol Morphol* 2001 Dec;9(4):289-96.
2. Knapp W. Leucocyte typing IV : white cell differentiation antigens. Oxford: Oxford University Press; 1989.
3. Link M, Warnke R, Finlay J, Amylon M, Miller R, Dilley J, et al. A single monoclonal antibody identifies T-cell lineage of childhood lymphoid malignancies. *Blood* 1983 Oct;62(4):722-8.
4. Miwa H, Nakase K, Kita K. Biological characteristics of CD7(+) acute leukemia. *Leuk Lymphoma* 1996 Apr;21(3-4):239-44.
5. Sempowski GD, Lee DM, Kaufman RE, Haynes BF. Structure and function of the CD7 molecule. *Crit Rev Immunol* 1999;19(4):331-48.
6. Weiss LM, Crabtree GS, Rouse RV, Warnke RA. Morphologic and immunologic characterization of 50 peripheral T-cell lymphomas. *Am J Pathol* 1985 Feb;118(2):316-24.

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