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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti- Human TCR C β 1 (JOVI-1)

Fluorochrome	Reference	Size
FITC	JOVIF	100 test
Dy-634	JOVIDY634	100 test

PRODUCT DESCRIPTION

Clone: JOVI-1

Isotype: Mouse IgG2a, kappa

Tested application: flow cytometry

Immunogen: The anti-Human TCR C β derives from HA1.7 TCR β chain expressed on transgenic mouse 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 TCR C β , clone JOVI-1 is a monoclonal antibody used in flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10⁵ cells.

Presentation: liquid

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

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: The JOVI.1 monoclonal antibody recognizes an epitope common to a large proportion of human CD4+ or CD8+ T lymphocytes that express the T cell receptor beta chain (TCR β).

Antibody JOVI-1 recognizes human C β 1 TCR gene product and reacts with 50-75% of T cells in normal human blood. Antibody JOVI-1 is mitogenic for T cells expressing TCR C β 1.⁽¹⁻⁴⁾

Other names: T Cell Receptor beta; TCRB; TRB; TRB@; TCR VB3-CB1

Gene ID: 28639

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. Gil D, Schamel WWA, Montoya M, Sanchez-Madrid F, and Alarcon B. Recruitment of Nck by CD3-epsilon reveals a ligand-induced conformational change essential for T cell receptor signaling and synapse formation. *Cell*. 2002; 109(7):901-912.
2. Okada, C.Y., et al. 1990. Characterization of a rat monoclonal antibody specific for a determinant encoded by the V β 7 gene segment. Depletion of V β 7+ T cells in mice with Mls-1a haplotype. *J. Immunol.* 144: 3473-3477.
3. Viney, J.L., et al. 1992. Generation of monoclonal antibodies against a human T cell receptor β chain expressed in transgenic mice. *Hybridoma* 11: 701-713. 28: 2704-2713.
4. Amsen, D. and Kruisbeek, A.M. 1999. Thymocyte selection: not by TCR alone. *Immunol. Rev.* 165: 209-229.

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