Anti- Human TCR Cβ 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 Cβ 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 (NaN_3).
Recommended usage: Immunostep's TCR Cβ , 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 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 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 (TCRβ).
Antibody JOVI-1 recognizes human Cβ1 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 Cβ1. [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

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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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