

anti-rat γ/δ TCR FITC-conjugated

FITC- conjugated monoclonal antibody V65 to rat γ/δ TCR

Cat-No: **23155223**

500 μ l

Clone: V65

Specificity: This anti-rat γ/δ T cell receptor monoclonal antibody detects a T cell-specific heterodimeric 48 and 50kDa cell surface protein that is expressed on greater than 90% of CD3⁺ $\alpha\beta$ TCR⁻ rat peripheral T lymphocytes, and identifies a dense network of dendritic cells in the epidermis as γ/δ T cells. Immobilized this antibody induces a strong proliferative response in γ/δ T cell cultures supplemented with either IL-2 or IL-4.

Isotype subclass: Mouse IgG1

Form: The purified antibody is conjugated with Fluoresceinisothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Store at 4 °C. Avoid prolonged exposure to light.

Application: Flow Cytometry and Immunohistochemical staining on frozen sections

References: 1. Kühnlein, P., Park, H-J., Herrmann, T., Elbe, A. and Hüning, T. (1994), Identification and characterization of rat γ/δ T-lymphocytes in peripheral lymphoid organs, small intestine, and skin with a monoclonal antibody to a constant determinant of the γ/δ T cell receptor, J. Immunol. 153, 979-986

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink, and animal feedingstuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

ImmunoTools Excellent Quality - Advantageously priced

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