InnoCyto Inc.
15375 Barranca Pkwy, Suite I-103
Irvine, CA 92618

Technical Data Sheet

iF647 Anti-Human TCR Vb13.1

Catalog Number: 106305, 106306
Size: 25 tests, 100 tests
Target Name: TCR Vb13.1, T cell receptor V?13.1 chain, TCRBV13.1, TCRBV13
Regulatory Status: RUO

Product Details

Clone: H131
Application: FC
Reactivity: Human
Format: iF647
Isotype: Mouse IgG2b
Antibody Type: Monoclonal
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration: Supplied at a lot-specific concentration.
Storage and Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage: For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
Excitation Laser: Red Laser (633 nm)

Background Information

TCR V?13.1 is a variant of the TCR ? chain. The receptor is complexed with the TCR ? chain and belongs to the immunoglobulin superfamily. It is expressed on a subset of T cells and some T cell clones. Variability in the ? chain is generated by V?, D?, and J? gene rearrangement, while variability in the ? chain is generated by V? and J? rearrangement. TCR V?13.1 has been shown to be related to antigen recognition and inflammation as well as diseases, such as HIV and multiple sclerosis.

Product Data

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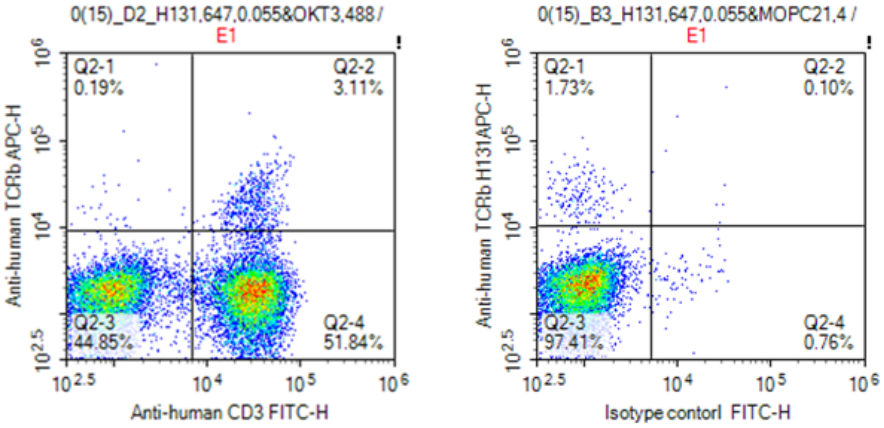

Human peripheral blood lymphocytes stained with iF647 Anti-Human TCR Vb13.1 clone H131 and CD3 iF488 (FITC) or an isotype control.