

Technical Data Sheet

iF647 Anti-Human TCRbV3.1(TRbV28)

Catalog Number: 107105, 107106

Size: 25 tests, 100 tests

Target Name: TCRbV3.1

Regulatory Status: RUO

Product Details

Clone: JOVI-3

Application: FC

Reactivity: Human

Format: iF647

Isotype: Mouse IgG2a

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&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 µL 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.

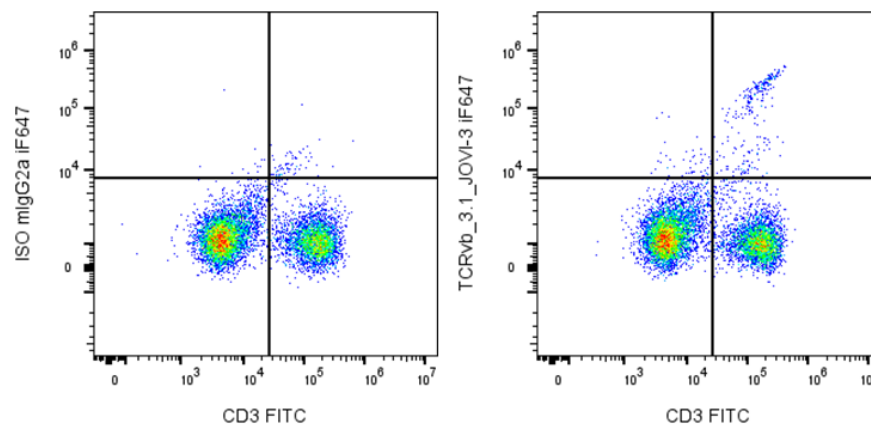
Excitation Laser: Red Laser (633 nm)

Release Date: Dec-25

Background Information

The T-cell receptor (TCR) is a protein complex found on the surface of T cells, or T lymphocytes,[1] that is responsible for recognizing fragments of antigen as peptides bound to major histocompatibility complex (MHC) molecules. The binding between TCR and antigen peptides is of relatively low affinity and is degenerate: that is, many TCRs recognize the same antigen peptide and many antigen peptides are recognized by the same TCR.

Product Data



Human peripheral blood lymphocytes stained with FITC Anti-human CD3 and either iF647 Anti-Human TCRbV3.1 (TRbV28) clone JOVI-3 (right panel) or an isotype control (left panel).