

Purified Anti-Human TCRCβ1 Antibody[JOVI.1]

catalog number: AN003650P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

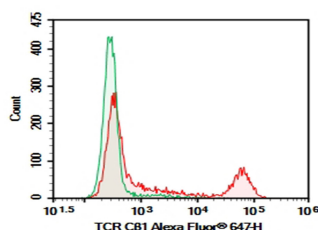
| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant Human TCRCβ1 protein |
| Host | Mouse |
| Isotype | Mouse IgG2a, κ |
| Clone | JOVI.1 |
| Purification | >98%, Protein A/Gpurified |
| Buffer | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

Applications

Recommended Dilution

| | |
|------------|---|
| FCM | 2 µg/mL(1×10^5 - 5×10^5 cells) |
|------------|---|

Data



Human peripheral blood lymphocytes were stained with 0.2 µg Purified Anti-Human TCRCβ1 Antibody[JOVI.1] (Right) and 0.2 µg Mouse IgG2a, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

TRBC1 is a 20 kD protein constant region of the T cell receptor also known as T cell receptor beta constant 1. It is expressed on a fraction of TCRαβ T cells on the beta chain of the T Cell receptor. The constant region expression of clones is notable as a marker for T Cell disease development by clonality detection.

For Research Use Only