

## Purified Anti-Human TCRCβ1 Antibody[JOVI.1]

**Catalog Number:** GF003650P

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

### Description

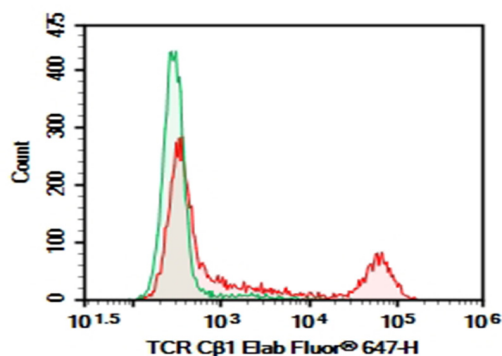
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human TCRCβ1 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone</b>	JOVI.1
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein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

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> 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 Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

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