Purified Anti-Human TCRCβ1 Antibody[JOVI.1]

catalog number: **AN003650P**

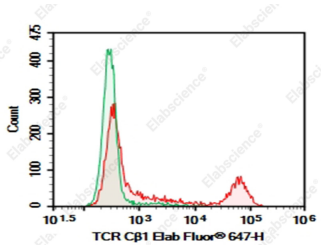
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human TCRCβ1 protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	JOVI.1
Purification	>98%, Protein A/G purified
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	≤ 0.2 μg per million cells in 100 μL volume

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

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.

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