Purified Anti-Human TCR Vβ3 Antibody[JOVI.3]

catalog number: **AN008340P**

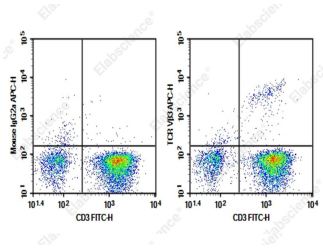
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human TCR Vβ3 protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	JOVI.3
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 TCR Vβ3 Antibody[JOVI.3] (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD3 FITC-conjugated Monoclonal 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

The JOVI.3 monoclonal antibody specifically recognizes the human variable beta 3 region of the T cell receptor for antigen (TCR Vβ3). The JOVI.3 antibody reportedly stains approximately 1-10% of human CD3-positive peripheral blood lymphocytes including CD410⁺ or CD810⁺ T cells. The variation in human TCR Vβ3 expression correlates with allelic polymorphism in the spacer region of recombination signal sequence. The JOVI.3 antibody is mitogenic for peripheral blood T cells expressing TCR Vβ3.

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