Purified Anti-Mouse TCRβ Antibody[H57-597 (HB218)]

Catalog Number: E-AB-F1123A

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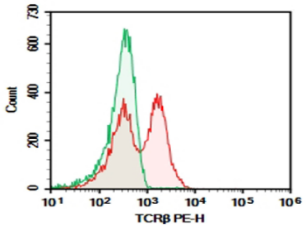
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse TCR-β protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	H57-597 (HB218)
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications	Recommended Dilution
FCM	2 μg/mL(1×10^5-5×10^5 cells)

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse TCRβ Antibody[H57-597 (HB218)] (Right) and 0.2 μg Armenian Hamster IgG, κ Isotype Control (Left), followed by PE-conjugated Goat Anti-Armenian Hamster 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

T cell receptor (TCR) is a heterodimer consisting of an α and a β chain (TCR α/β) or a γ and a δ chain (TCR γ/δ). TCR-β is a member of the immunoglobulin superfamily and a component of the CD3/TCR complex (along with TCR-α). It is expressed on α/β TCR-bearing T cells and thymocytes. The CD3/TCR complex plays a key role in antigen recognition, signal transduction, and T cell activation.

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