Purified Anti-Mouse TCR\$\beta\$ Antibody[H57-597 (HB218)]

Catalog Number: E-AB-F1123A



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

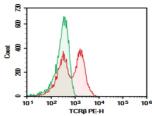
Conjugation Unconjugated

Buffer PBS, pH 7.2. Contains 0.05% proclin 300.

Applications Recommended Dilution

FCM $2 \mu g/mL(1 \times 10^5 - 5 \times 10^5 \text{ cells})$

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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