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Purified Anti-Mouse CD3s Antibody[145-2C11]

catalog number: E-AB-F1103A

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

Description

Reactivity Mouse

Immunogen Recombinant Mouse CD3ε protein

Host Armenian Hamster Isotype Armenian Hamster IgG

Clone 145-2C11

Purification >98%, Protein A/G purified

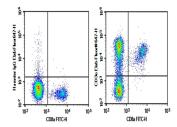
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μ g Purified Anti-Mouse CD3 ϵ Antibody[145-2C11](Right) and 0.2 μ g Armenian Hamster IgG, κ Isotype Control(Left),

followed by Elab Fluor[®] 647-conjugated Goat Anti-Armenian Hamster IgG Secondary Antibody, then anti-Mouse CD8a FITC-conjugated Monoclonal Antibody.

Preparation & Storage

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

CD3 ϵ is a 20 kD transmembrane protein, also known as CD3 or T3. It is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 ϵ forms a TCR complex by associating with the CD3 δ , γ and ζ chains, as well as the TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

For Research Use Only

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 Rev. V2.6