Purified Anti-Rat CD3 Antibody[G4.18]

catalog number: **E-AB-F1228A**

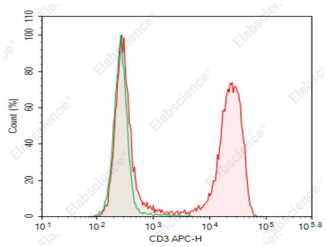
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Rat
Immunogen	Recombinant Rat CD3 protein
Host	Mouse
Isotype	Mouse IgG3, κ
Clone	G4.18
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



Rat splenocytes were stained with 0.2 μg Purified Anti-Rat CD3 Antibody[G4.18] (Right) and 0.2 μg Mouse IgG3, κ Isotype Control (Left), followed by APC-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

CD3 is a complex composed of δ, γ, ε, and ζ chains. They are 20-25 kD members of the immunoglobulin superfamily and associated with the T cell receptor (TCR). CD3 is expressed on thymocytes, peripheral T cells, some NK-T cells, and dendritic epidermal T cells. CD3 is involved in antigen recognition, signal transduction, and T cell activation.

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