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FITC Anti-Rat CD3 Antibody[G4.18]

Catalog Number: E-AB-F1228C

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

Description

Reactivity Rat
Host Mouse

Isotype Mouse IgG3, κ

Clone No. G4.18

Isotype Control FITC Mouse IgG3, κ Isotype Control[A112-3] [Product E-AB-F09752C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

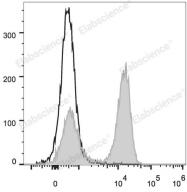
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Rat splenocytes are stained with FITC Anti-Rat CD3 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names T3and ζ chains γε; CD3; CD3 Complex; T-cell surface glycoprotein CD3 δ

 Uniprot ID
 P19377;Q64159;D4A5M2

 Gene ID
 25710;300678;315609;25300

For Research Use Only

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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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