

A Reliable Research Partner in Life Science and Medicine

PerCP/Cyanine5.5 Anti-Rat CD3 Antibody[G4.18]

Catalog Number: E-AB-F1228UJ

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 PerCP/Cyanine5.5 Mouse IgG3, κ Isotype Control[A112-3] [Product E-AB-F09753J]

Conjugation PerCP/Cyanine 5.5

Conjugation Information PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

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

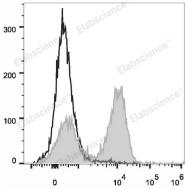
Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶ cells in 100 μ L volume].

Data



Rat splenocytes are stained with PerCP/Cyanine5.5 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

Rev. V1.6

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

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web:www.elabscience.com
 Email:techsupport@elabscience.com

Elabscience®

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

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

Toll-free: 1-888-852-8623 Web:www.elabscience.com Tel: 1-832-243-6086 Email:techsupport@elabscience.com Fax: 1-832-243-6017