

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Human CD3 Antibody[OKT-3]

Catalog Number: E-AB-F1001L

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG2a, ĸ

OKT-3 Clone No.

Isotype Control Elab Fluor[®] 488 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802L]

Conjugation Elab Fluor®488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

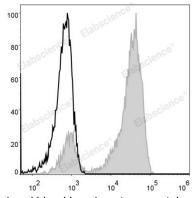
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Human peripheral blood lymphocytes are stained with Elab

Fluor® 488 Anti-Human CD3 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

Preparation & Storage

Keep as concentrated solution. **Storage**

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 CD3E:CD3e:T-cell surface antigen T3/Leu-4 epsilon chain:T-cell surface glycoprotein

CD3 epsilon chain;T3E

Uniprot ID P07766 Gene ID 916

For Research Use Only

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Elabscience Bionovation Inc.

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Background

Elabscience®

CD3 ϵ is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3 ϵ , one CD3 ϵ , one CD3 δ , one CD3 δ (CD247), and a T cell receptor (α/β or γ/δ) heterodimer. It is found on all mature T lymphocytes, NK T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.

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