



A Reliable Research Partner in Life Science and Medicine

PE Anti-Human CD3 Antibody[OKT-3]

E-AB-F1001D Catalog No. Reactivity Human Storage Store at 2~8°C, Avoid freeze / thaw cycles **Applications FCM**

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

Antigen Information

Alternate Names T-cell surface glycoprotein CD3 epsilon chain, CD3E, T-cell surface antigen T3/Leu-4 epsilon

chain,CD3e,CD3E,T3E

Uniprot ID P07766

Background CD3ε is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two

> CD3 ϵ , one CD3 γ , 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.

Product Details

Form Liquid

20Tests/100Tests/100Tests×2 Size

Clone No. OKT-3 Mouse Host

Isotype Mouse IgG2a, κ

Human Reactivity **FCM Application**

Isotype Control PE Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802D]

Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. **Storage Buffer**

Biological ice pack at 4 °C **Shipping** Stability & Storage Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

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

Web: www.elabscience.com

A Reliable Research Partner in Life Science and Medicine

Fluorophore

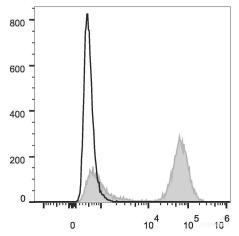
Conjugation: PE

PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).

Recommended usage

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.

Product data



Human peripheral blood lymphocytes are stained with PE Anti-Human CD3 Antibody (filled gray histogram).

Unstained lymphocytes (empty black histogram) are used as control.

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html

For Research Use Only

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

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