

Elab Fluor® Red 780 Anti-Human CD3 Antibody[OKT-3]

Catalog Number: E-AB-F1001S

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

Description

| | |
|-------------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG2a, κ |
| Clone No. | OKT-3 |
| Isotype Control | Elab Fluor® Red 780 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802S] |
| Conjugation | Elab Fluor® Red 780 |
| Conjugation Information | Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA. |

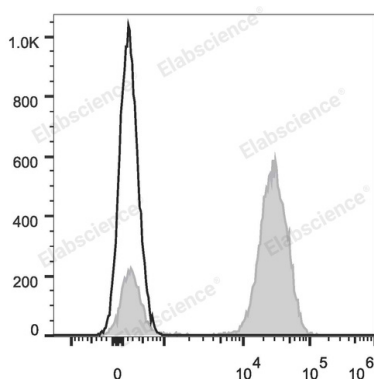
Applications

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 cells are stained with Elab Fluor® Red 780 Anti-Human CD3 Antibody (filled gray histogram).

Unstained peripheral blood cells (blank 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 | 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

Background

CD3ε is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3ε, one CD3γ, one CD3δ, one CD3ζ (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.