

A Reliable Research Partner in Life Science and Medicine

# PE/Elab Fluor® 594 Anti-Human CD3 Antibody[OKT-3]

Catalog Number: E-AB-F1001P

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

PE/Elab Fluor<sup>®</sup> 594 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802P]

Conjugation PE/Elab Fluor® 594

Conjugation Information PE/Elab Fluor® 594 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 620 nm

(e.g., a 610/20 nm bandpass filter).

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

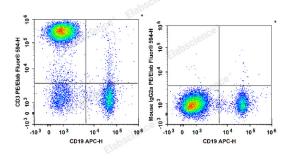
#### Applications Recommended usage

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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L 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 APC

Anti-Human CD19 Antibody and PE/Elab Fluor<sup>®</sup> 594 Anti-Human CD3 Antibody (Left). Lymphocytes are stained with

APC Anti-Human CD19 Antibody and PE/Elab Fluor<sup>®</sup> 594 Mouse IgG2a, κ Isotype Control (Right).

#### **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

## 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.

Rev. V1.7

A Reliable Research Partner in Life Science and Medicine

Uniprot ID Gene ID Background P07766 916

CD3 $\epsilon$  is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3 $\epsilon$ , one CD3 $\epsilon$ , and a T cell receptor ( $\epsilon$ / $\epsilon$ ) 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.

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