

A Reliable Research Partner in Life Science and Medicine

Elab Bright™ Violet 510 Anti-Human CD3 Antibody[UCHT1]

Catalog Number: E-AB-F1230R1

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. UCHT1

Elab Bright™ Violet 510 Mouse IgG1, k Isotype Control[X40] [Product AN00823R1] Isotype Control

Elab Bright™Violet 510 Conjugation

Conjugation Information Elab BrightTM Violet 510 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 510 nm (e.g., a 525/50 nm bandpass filter).

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

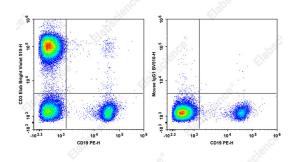
Applications Recommended usage

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



Staining of normal human peripheral blood cells with PE

Anti-Human CD19 Antibody and Elab Bright Wiolet 510 Mouse Anti-Human CD3[UCHT1] (left) or Elab BrightTM Violet 510 Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

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

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

Elabscience Bionovation Inc.



A Reliable Research Partner in Life Science and Medicine

Gene ID Background 915

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 , and a T cell receptor (ϵ / ϵ) 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.