

A Reliable Research Partner in Life Science and Medicine

# PE/Elab Fluor® 594 Anti-Human CD43 Antibody[HI161]

Catalog Number: E-AB-F1328P

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

#### **Description**

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. HI161

Isotype Control PE/Elab Fluor<sup>®</sup> 594 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792P]

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).

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

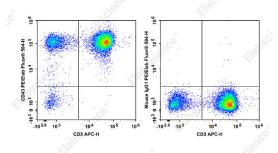
#### **Applications** Recommended usage

**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 APC

Anti-Human CD3 Antibody and PE/Elab Fluor® 594 Anti-Human CD43 Antibody[HI161] (left) or PE/Elab Fluor® 594 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** Leukocyte Sialoglycoprotein;Leukosialin;Ly-48;Sialophorin

P16150 **Uniprot ID** 

# For Research Use Only

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#### **Elabscience Bionovation Inc.**



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Gene ID **Background**  6693

CD43, also known as Ly-48, leukosialin, sialophorin, leukocyte sialoglycoprotein, and W3/13, is a large single chain, type I transmembrane glycoprotein with abundant Oglycosylation and sialylation sites. It has been reported that CD43 binds to CD54 and Siglec-1. CD43 plays dual roles in cell adhesion and anti-adhesion as well as costimulation of T cell activation and survival, and induction of apoptosis of T cells and hematopoietic progenitors.

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