

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Human CD43 Antibody[HI161]

Catalog Number: E-AB-F1328M1

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

#### **Description**

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

HI161 Clone No.

Isotype Control Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1]

Conjugation Elab Fluor®700

**Conjugation Information** Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

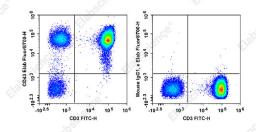
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **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 FITC

Anti-Human CD3 Antibody[OKT-3] and Elab Fluor® 700 Anti-Human CD43 Antibody[HI161](left) or Elab Fluor® 700 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

**Uniprot ID** P16150 Gene ID 6693

## For Research Use Only

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

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

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### **Background**

Elabscience®

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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Rev. V1.7