

A Reliable Research Partner in Life Science and Medicine

# FITC Anti-Human CD43 Antibody[HI161]

Catalog Number: E-AB-F1328C

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

#### Description

Reactivity Human Host Mouse

**Isotype** Mouse IgG1, κ

Clone No. HI161

**Isotype Control** FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

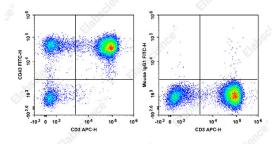
#### Applications Recommended usage

**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**



Staining of normal human peripheral blood cells with APC Anti-Human CD3 Antibody and FITC Anti-Human CD43 Antibody[HI161] (left) or FITC 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  $^{\circ}\text{C}$  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

 Web:www.elabscience.com
 Email:techsupport@elabscience.com

# Elabscience®

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

A Reliable Research Partner in Life Science and Medicine

## **Background**

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.

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