

Elab Fluor® Violet 450 Anti-Human CD43 Antibody[HI161]

Catalog Number: E-AB-F1328Q

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

Description

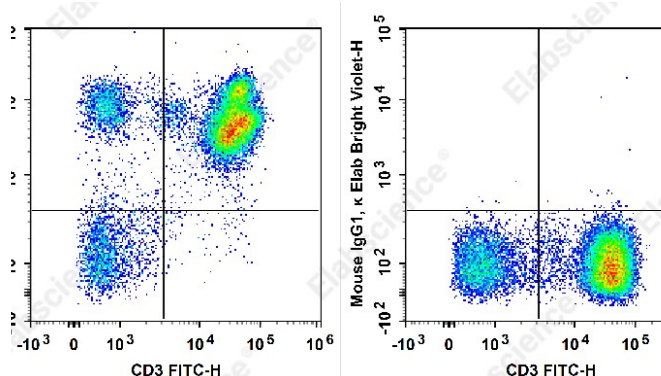
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	HI161
Isotype Control	Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792Q]
Conjugation	Elab Fluor® Violet 450
Conjugation Information	Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 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 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 and Elab Fluor® Violet 450 Anti-Human CD43 Antibody[HI161] (left) or Elab Fluor® Violet 450 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 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	Ly-48;Leukosialin;Sialophorin;Leukocyte Sialoglycoprotein
Uniprot ID	P16150

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

Gene ID

6693

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 O-glycosylation 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.