

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 |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | HI161 |
| Isotype Control | PE/Elab Fluor® 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). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

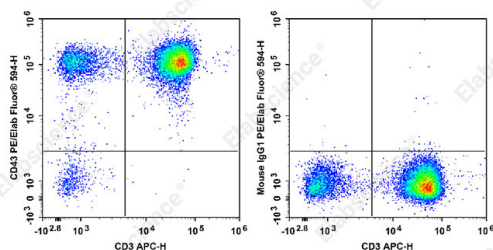
Applications

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

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|----------|---|
| 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

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|-----------------|---|
| Alternate Names | Leukocyte Sialoglycoprotein;Leukosialin;Ly-48;Sialophorin |
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For Research Use Only

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Rev. V1.5

Uniprot ID

P16150

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.