

PE Anti-Human CD43 Antibody[HI161]

Catalog Number: E-AB-F1328D

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

Description

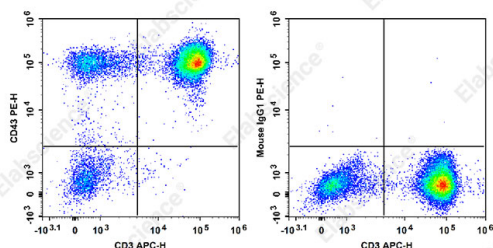
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	HI161
Isotype Control	PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D]
Conjugation	PE
Conjugation Information	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 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.
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Data



Staining of normal human peripheral blood cells with APC Anti-Human CD3 Antibody and PE Anti-Human CD43 Antibody[HI161] (left) or PE 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

For Research Use Only

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.

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