PE/Cyanine 5 Anti-Human CD84 Antibody[CD84.1.21]

Catalog Number: AN01250G

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

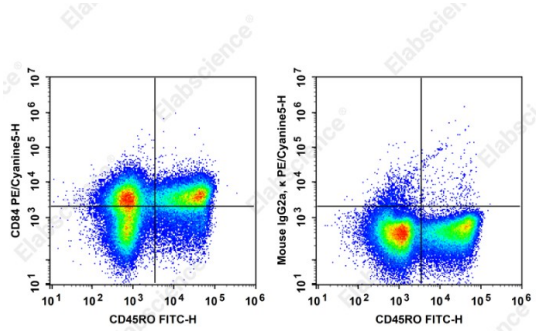
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	CD84.1.21
Isotype Control	PE/Cyanine5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802G]
Conjugation	PE/Cyanine 5
Conjugation Information	PE/Cyanine 5 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 670 nm (e.g., a 690/50 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 CD45RO Antibody and PE/Cyanine 5 Anti-Human CD84 Antibody[CD84.1.21] (left) or PE/Cyanine 5 Mouse IgG2a, κ Isotype Control (right). Cells in the lymphocyte 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	Ly9b;SLAMF5;GR6
Uniprot ID	Q9UIB8

Gene ID	8832
Background	CD84 is a 64-82 kD glycoprotein. It is a member of the SLAM (CD150) family, a CD2 subset of the Ig superfamily, also known as SLAMF5 or Ly9b. CD84 is expressed on B cells, monocytes, thymocytes, subset of (preferentially on CD45RO+) T cells, and platelets. CD84 functions as a homophilic adhesion molecule and enhances T cell activation and cytokine production. The antibody CD84.1.21 is able to enhance CD3 induced IFN-γ production and partially block CD84-Ig binding to lymphocytes.

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