

PerCP/Cyanine5.5 Anti-Human CD18 Antibody[60.3]

Catalog Number: GFH1412J

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

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	60.3
Isotype Control	PerCP/Cyanine5.5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802J]
Conjugation	PerCP/Cyanine 5.5
Conjugation Information	PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

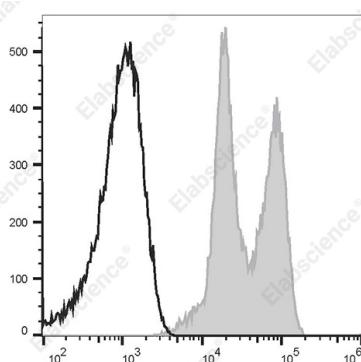
Applications

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 PerCP/Cyanine5.5 Anti-Human CD18 Antibody[60.3] (filled gray histogram) or PerCP/Cyanine5.5 Mouse IgG2a, κ Isotype Control (empty black histogram). 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

Uniprot ID	P05107
Gene ID	3689

For Research Use Only

Background

CD18, also known as integrin $\beta 2$ subunit, LFA-1 β subunit, and $\beta 2$ integrin, is a 90 - 95 kD type I glycoprotein. CD18 non-covalently associates with CD11a, CD11b, or CD11c. CD18 is expressed on all leukocytes. CD18 and associated α chains function in the adhesion and signaling in hematopoietic cells.