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PerCP/Cyanine5.5 Anti-Human CD18 (ITGB2) Antibody[IB4]

Catalog Number: AN00574J

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2a, κ

Clone No. IB4

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).

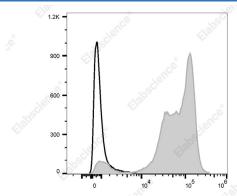
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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 (ITGB2) Antibody[IB4] (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

Alternate Names Integrin β2 subunit;LFA -1 β subunit;β2 integrin;ITGB2

 Uniprot ID
 P05107

 Gene ID
 3689

For Research Use Only

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Background

CD18 is a 90-95 kD type I transmembrane protein also known as integrin $\beta2$ subunit, LFA-1 β subunit, and $\beta2$ integrin. CD18 non-covalently associates with CD11a, CD11b or CD11c. CD18 is expressed on all leukocytes. CD18 and associated α chains function in adhesion and signaling in hematopoietic cells.

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