

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

Catalog Number: AN00574I

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	PE/Cyanine5.5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802I]
Conjugation	PE/Cyanine 5.5
Conjugation Information	PE/Cyanine5.5 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 690 nm (e.g., a 690/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

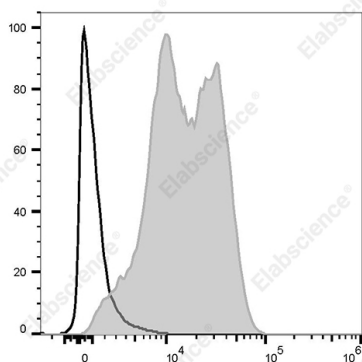
Applications

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 PE/Cyanine5.5 Anti-Human CD18 (ITGB2) Antibody[IB4] (filled gray histogram) or PE/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	CD19 Molecule;CD19 Antigen;Differentiation Antigen CD19;B-Lymphocytes Surface Antigen B4;T-cell Surface Antigen Leu-12;CVID3;B4;B-lymphocyte Antigen CD19
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For Research Use Only

Uniprot ID

P15391

Gene ID

3689

Background

CD18 is a 90-95 kD type I transmembrane protein also known as integrin β 2 subunit, LFA-1 β subunit, and β 2 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.