A Reliable Research Partner in Life Science and Medicine

PerCP/Cyanine5.5 Anti-Human CD18 Antibody[TS1/18.1.2.11]

Catalog Number: E-AB-F1057J

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ **Clone No.** TS1/18.1.2.11

Isotype Control PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]

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).

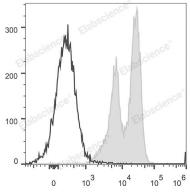
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



Human peripheral blood lymphocytes are stained with PerCP/Cyanine5.5 Anti-Human CD18 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

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 CD18;Cell surface adhesion glycoproteins LFA-1/CR3/p150+95 subunit beta;

Complement receptor C3 subunit beta;Integrin beta-2;Itgb2

 Uniprot ID
 P05107

 Gene ID
 3689

For Research Use Only

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Background

Elabscience®

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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