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# APC Anti-Human CD18 Antibody[60.3]

Catalog Number: E-AB-F1412E

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** APC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802E]

Conjugation APC

**Conjugation Information** APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

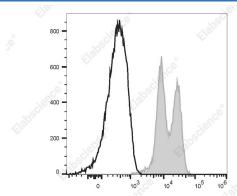
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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 APC Anti-Human CD18 Antibody[60.3] (filled gray histogram) or APC Mouse IgG2a,  $\kappa$  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;lTGB2;b2 integrin;beta 2 integrin

 Uniprot ID
 P05107

 Gene ID
 3689

# For Research Use Only

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# **Background**

CD18, also known as integrin  $\beta$ 2 subunit, LFA-1  $\beta$  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  $\alpha$  chains function in the adhesion and signaling in hematopoietic cells.