

A Reliable Research Partner in Life Science and Medicine

## Elab Fluor® 647 Anti-Human CD18 Antibody[60.3]

Catalog Number: E-AB-F1412M

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

#### **Description**

Reactivity Human Mouse Host

Isotype Mouse IgG2a, ĸ

60.3 Clone No.

Isotype Control Elab Fluor<sup>®</sup> 647 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802M]

Conjugation Elab Fluor®647

**Conjugation Information** Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).

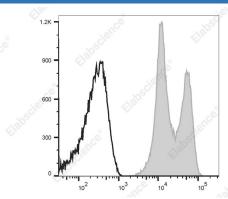
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **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 Elab

Fluor® 647 Anti-Human CD18 Antibody[60.3] (filled gray histogram) or Elab Fluor® 647 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

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# Elabscience®

#### **Elabscience Bionovation Inc.**

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#### **Background**

CD18, also known as integrin  $\beta2$  subunit, LFA-1  $\beta$  subunit, and  $\beta2$  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.

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