

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Human CD18 Antibody[60.3]

Catalog Number: E-AB-F1412M1

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG2a, ĸ

Clone No. 60.3

Isotype Control Elab Fluor[®] 700 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802M1]

Conjugation Elab Fluor®700

Conjugation Information Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

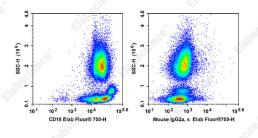
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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® 700 Anti-Human CD18 Antibody[60.3](left) or Elab Fluor® 700 Mouse IgG2a, κ Isotype Control (right). Cells in the leucocyte gate were used for analysis.

Preparation & Storage

Keep as concentrated solution. **Storage**

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;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 $\beta2$ subunit, LFA-1 β 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 α chains function in the adhesion and signaling in hematopoietic cells.