

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Human CD18 Antibody[TS1/18.1.2.11]

Catalog Number: E-AB-F1057M1

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 Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1]

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).

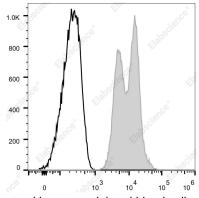
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### 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 Elab

Fluor<sup>®</sup> 700 Anti-Human CD18 Antibody[TS1/18.1.2.11](filled gray histogram) or Elab Fluor<sup>®</sup> 700 Mouse IgG1, 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 lce 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

## For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web:www.elabscience.com
 Email:techsupport@elabscience.com

### **Elabscience Bionovation Inc.**

A Reliable Research Partner in Life Science and Medicine

Gene ID Background

3689

Elabscience®

CD18 is a 90-95 kD type I transmembrane protein also known as integrin  $\beta2$  subunit, LFA-1  $\beta$  subunit, and  $\beta2$  integrin. CD18 non-covalently associates with CD11a, CD11b or CD11c. CD18 is expressed on all leukocytes. CD18 and associated  $\alpha$  chains function in adhesion and signaling in hematopoietic cells.

Fax: 1-832-243-6017