

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 488 Anti-Mouse CD11a Antibody[FD441.8]

Catalog Number: E-AB-F1033L

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

#### **Description**

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ
Clone No. FD441.8

Isotype Control Elab Fluor® 488 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842L]

Conjugation Elab Fluor® 488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

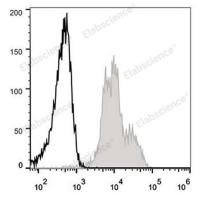
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### 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



C57BL/6 murine splenocytes are stained with Elab Fluor<sup>®</sup> 488 Anti-Mouse CD11a Antibody (filled gray histogram). Unstained splenocytes (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 CD11 antigen-like family member A;CD11a;Integrin alpha-L;Itgal;LFA-1A;Ly-15;

Lymphocyte antigen 15

 Uniprot ID
 P24063

 Gene ID
 16408

## For Research Use Only

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



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## **Background**

CD11a is a 180 kD glycoprotein, also known as αL integrin, LFA-1 α, Ly-15, or Ly-21. It is a member of the integrin family, primarily expressed on lymphocytes, monocytes/ macrophages, and granulocytes. In association with CD18, the CD11a/CD18 complex forms LFA-1. CD11a plays an important role in intercellular adhesion and costimulation by binding its ligands, ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 ( CD50).

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