

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Mouse CD11a Antibody[FD441.8]

Catalog Number: E-AB-F1033M1

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. FD441.8

Isotype Control Elab Fluor[®] 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842M1]

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).

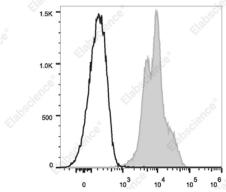
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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 C57BL/6 murine splenocytes cells with Elab Fluor

® 700 Anti-Mouse CD11a Antibody[FD441.8](filled gray histogram) or Elab Fluor $^{\!8\!}$ 700 Rat IgG2b, κ Isotype Control (empty black histogram). Total viable cells 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

CD11 antigen-like family member A;CD11a;Integrin alpha-L;Itgal;LFA-1A;Ly-15; **Alternate Names**

Lymphocyte antigen 15

Uniprot ID P24063

For Research Use Only

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Elabscience Bionovation Inc.



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Gene ID **Background** 16408

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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