

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

**Catalog Number:** E-AB-F1033UM1

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

### Description

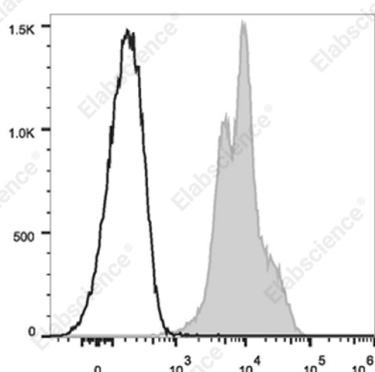
|                                |  |
|--------------------------------|--|
| <b>Reactivity</b>              | Mouse  |
| <b>Host</b>                    | Rat  |
| <b>Isotype</b>                 | Rat IgG2b, κ   |
| <b>Clone No.</b>               | FD441.8  |
| <b>Isotype Control</b>         | Elab Fluor® 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843M1]  |
| <b>Conjugation</b>             | Elab Fluor® 700  |
| <b>Conjugation Information</b> | 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). |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.  |

### Applications

### Recommended usage

|            |  |
|------------|--|
| <b>FCM</b> | Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 <sup>6</sup> cells in 100 µL volume]. |
|------------|--|

### Data



Staining of C57BL/6 murine splenocytes cells with Elab Fluor® 700 Anti-Mouse CD11a Antibody[FD441.8](filled gray histogram) or Elab Fluor® 700 Rat IgG2b, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| <b>Shipping</b> | Ice bag   |

### Antigen Information

|                        |   |
|------------------------|---|
| <b>Alternate Names</b> | CD11 antigen-like family member A;CD11a;Integrin alpha-L;ltgal;LFA-1A;Ly-15;<br>Lymphocyte antigen 15 |
| <b>Uniprot ID</b>      | P24063  |

### For Research Use Only

**Gene ID**

16408

**Background**

CD11a is a 180 kD glycoprotein, also known as  $\alpha$ L integrin, LFA-1  $\alpha$ , 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).