# Elab Fluor® 700 Anti-Human CD11a Antibody[R7-1]

**Catalog Number:** E-AB-F1211M1

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

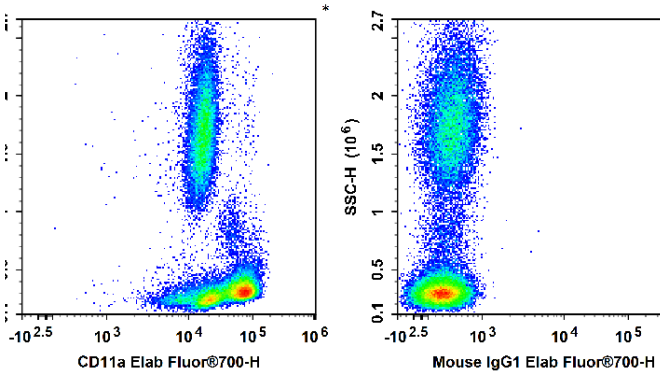
## Description

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| **Reactivity** | Human |
| **Host** | Mouse |
| **Isotype** | Mouse IgG1, κ |
| **Clone No.** | R7-1 |
| **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

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| **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 CD11a Antibody[R7-1] (left) or Elab Fluor® 700 Mouse IgG1, κ Isotype Control (right). Cells in the leucocytes gate were used for analysis.

## Preparation & Storage

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| **Storage** | 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. |
| **Shipping** | Ice bag |

## Antigen Information

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|---|---|
| **Alternate Names** | CD11A;ITGAL;Integrin alpha-L;LFA-1A |
| **Uniprot ID** | P20701 |
| **Gene ID** | 3683 |


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**Background**

CD11a is a 170-180 kD type I transmembrane glycoprotein also known as LFA-1α chain and integrin αL subunit. CD11a non-covalently associates with integrin β2 (CD18) to form LFA-1. It is expressed on all leukocytes, including B and T lymphocytes, monocytes, macrophages, neutrophils, basophils and eosinophils. It is absent on non-hematopoietic tissues and platelets. CD11a plays a central role in leukocyte cell-cell interactions and is important in lymphocyte costimulation. CD11a/CD18 binds to ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 (CD50).


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