

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Human CD11a Antibody[HI111]

Catalog Number: E-AB-F1316M1

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. HI111

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).

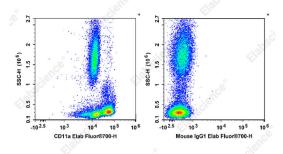
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ 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[®] 700 Anti-Human CD11a Antibody[HI111] (left) or Elab Fluor[®] 700 Mouse IgG1, κ Isotype Control (right). Cells in the leucocytes 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 Ice bag

Antigen Information

Alternate Names Integrin alpha-L;ltgal;CD11 antigen-like family member A;LFA-1A;Lymphocyte antigen

15;Ly-15;CD11a

 Uniprot ID
 P20701

 Gene ID
 3683

For Research Use Only

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Elabscience Bionovation Inc.

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Background

Elabscience®

CD11a is a 170-180 kD type I transmembrane glycoprotein also known as LFA-1 α chain and integrin α L subunit. CD11a non-covalently associates with integrin β 2 (CD1 8) 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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