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## Elab Fluor® 488 Anti-Human CD11a Antibody[R7-1]

Catalog Number: E-AB-F1211L

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

R7-1 Clone No.

Isotype Control Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L]

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).

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

**Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM** 

> 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.

**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** CD11A;ITGAL;Integrin alpha-L;LFA-1A

**Uniprot ID** P20701 Gene ID 3683

**Background** CD11a is a 170-180 kD type I transmembrane glycoprotein also known as LFA-1a

> chain and integrin αL subunit. CD11a non-covalently associates with integrin β2 (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 nonhematopoietic 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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