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## PE/Cyanine 5.5 Anti-Mouse CD11a Antibody [FD441.8]

Catalog Number: E-AB-F1033UI

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

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Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. FD441.8

PE/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843I] Isotype Control

PE/Cyanine 5.5 Conjugation

**Conjugation Information** PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm

(e.g., a 690/50 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. 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].

## **Preparation & Storage**

Keep as concentrated solution. **Storage** 

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

Lymphocyte antigen 15

**Uniprot ID** P24063 Gene ID 16408

**Background** 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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Rev. V1.5