

**Alexa Fluor® 488 anti-mouse CD11a**

**Catalog # / Size:** 1365525 / 25 µg  
1365530 / 100 µg

**Clone:** I21/7

**Isotype:** Rat IgG2a, κ

**Reactivity:** Mouse

**Concentration:** 0.5

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 1 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

\* Alexa Fluor® 488 has a maximum emission of 519 nm when it is excited at 488 nm.

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**Description:** CD11a is a 180 kD glycoprotein, also known as α<sub>L</sub> 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).