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APC Anti-Mouse CD11a Antibody[FD441.8]

Catalog Number: E-AB-F1033E

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ
Clone No. FD441.8

Isotype Control APC Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842E]

Conjugation APC

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

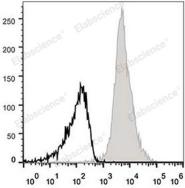
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD11a Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

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

Lymphocyte antigen 15

 Uniprot ID
 P24063

 Gene ID
 16408

For Research Use Only

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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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