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## FITC Anti-Human CD11b Antibody[HI11b]

Catalog Number: E-AB-F1317C

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG2b, ĸ

Clone No. HI11b

FITC Mouse IgG2b, K Isotype Control[MPC-11] [Product E-AB-F09812C] Isotype Control

Conjugation

**Conjugation Information** FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

**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** Integrin alpha-M:ltgam; CD11 antigen-like family member B; CR-3 alpha chain;

Leukocyte adhesion receptor MO1;CD11b

**Uniprot ID** P11215 Gene ID 3684

**Background** CD11b is a 165-170 kD type I transmembrane glycoprotein also known as αMintegrin,

> Mac-1, CR3, and C3biR. CD11b non-covalently associates with integrin β2(CD18) and is expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b/CD18 is critical for the transendothelial migration of monocytes and neutrophils. It is also involved in granulocyte adhesion, phagocytosis, and neutrophil activation. CD11b/CD18 interacts with ICAM-1 (CD54), ICAM-2 (CD102),

ICAM-4, CD14, CD23, heparin, iC3b, fibrinogen, and factor X.

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