Human CD11c PE-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # ICRF 3.9

Catalog Number: FAB1777P

100 TESTS, 25 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CD11c in flow cytometry.
Source	Monoclonal Mouse IgG_1 Clone # ICRF 3.9
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Rheumatoid synovial fluid cells and human monocyte-derived fibronectin
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

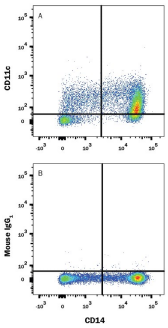
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	10 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of CD11c in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD14 APC-conjugated Monoclonal Antibody (Catalog # FAB3832A) and either (A) Mouse Anti-Human CD11c PE-conjugated Monoclonal Antibody (Catalog # FAB1777P) or (B) Mouse IgG_1 Phycoerythrin Isotype Control (Catalog # IC002P). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Integrin αX, also known as CD11c, heterodimerizes with Integrin β2, also known as CD18. The CD11c/CD18 complex binds fibrinogen and has been reported to be a receptor for iC3b (1−3) .

References:

1. Hogg, N. *et al.* (1986) Eur. J. Immunol. **16**(3):240.
2. Knapp, W.B. *et al.* eds. (1989) Leukocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, New York.
3. Stacker, S.A. and T.A. Springer, J. Immunol. (1991) **146**(2):648.

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