

DESCRIPTION

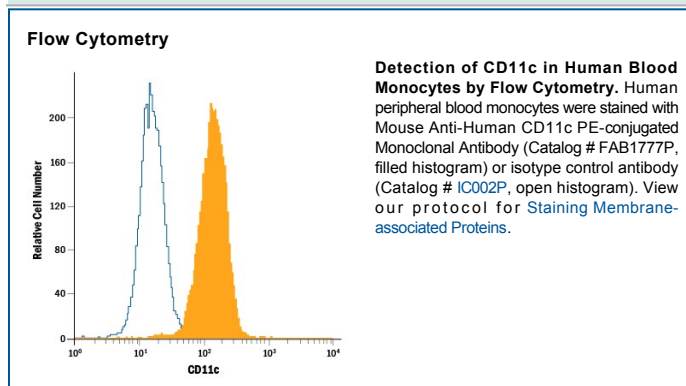
Species Reactivity	Human
Specificity	Detects human CD11c.
Source	Monoclonal Mouse IgG ₁ Clone # ICRF 3.9
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Rheumatoid synovial fluid cells and human monocyte-derived fibronectin
Conjugate	Phycoerythrin Excitation Wavelength: 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



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. <ul style="list-style-type: none"> ● 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. Stackner, S.A. and T.A. Springer, *J. Immunol.* (1991) **146**(2):648.