

## DESCRIPTION

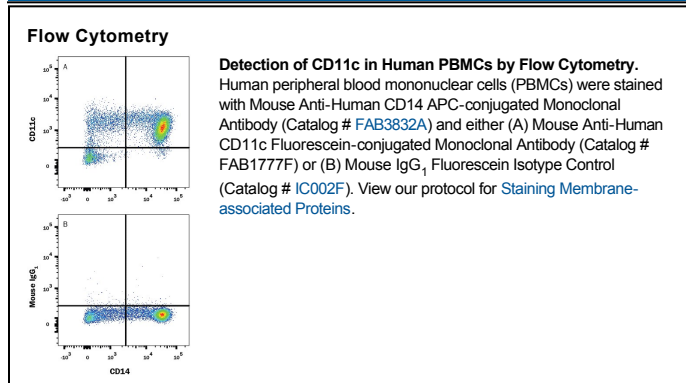
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CD11c in flow cytometry.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # ICRF 3.9
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Rheumatoid synovial fluid cells and human monocyte-derived fibronectin
<b>Conjugate</b>	Fluorescein Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm (FITC)
<b>Formulation</b>	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
<b>Flow Cytometry</b>	10 µL/10 <sup>6</sup> cells	See Below

## DATA



## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> ● 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:

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