

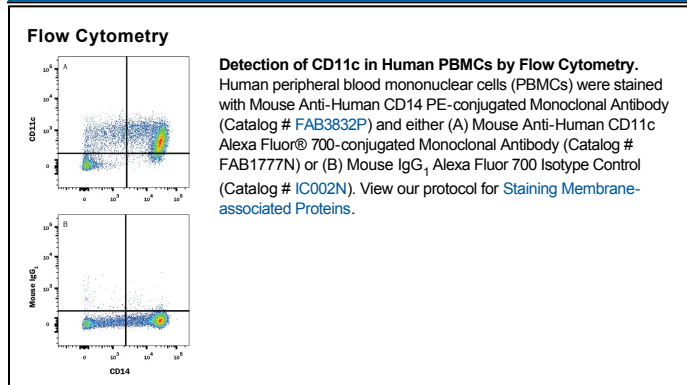
DESCRIPTION	
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Integrin $\alpha$ X/CD11c in flow cytometry.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # ICRF 3.9
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Rheumatoid synovial fluid cells and human monocyte-derived fibronectin
<b>Conjugate</b>	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
<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>	5 $\mu$ L/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> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

**BACKGROUND**

Integrin  $\alpha$ X, also known as CD11c, heterodimerizes with Integrin  $\beta$ 2, 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.

**PRODUCT SPECIFIC NOTICES**

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