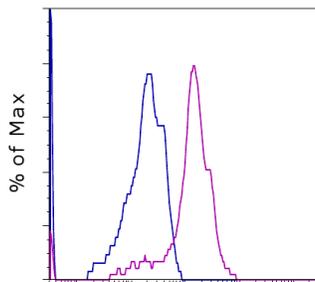


## Anti-Human CD11b APC-eFluor<sup>®</sup> 780

**Catalog Number:** 47-0118

**Also known as:** Integrin alpha M, Mac-1 alpha, Complement Receptor 3 alpha

**RUO: For Research Use Only. Not for use in diagnostic procedures.**



CD11b APC-eFluor 780

Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control APC-eFluor<sup>®</sup> 780 (cat. 47-4714) (blue histogram) or Anti-Human CD11b APC-eFluor<sup>®</sup> 780 (purple histogram). Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human CD11b APC-eFluor<sup>®</sup> 780

**REF** **Catalog Number:** 47-0118

**Clone:** ICRF44

**Concentration:** 5  $\mu$ L (0.25  $\mu$ g)/test

**Host/Isotype:** Mouse IgG1, kappa

**HLDA Workshop:** IV M047

**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

**Temperature Limitation:** Store at 2-8°C. Do not freeze. Light-sensitive material. This tandem dye is sensitive to photo-induced oxidation. Protect this vial from light during storage, handling & experimental procedures.



**LOT**



**Batch Code:** Refer to vial

**Use By:** Refer to vial

### Description

The ICRF44 monoclonal antibody reacts with human CD11b, a 165 kDa adhesion molecule. CD11b associated with integrin beta2 (CD18) is expressed on the surface of monocytes, granulocytes, activated lymphocytes and a subset of NK cells. CD11b is a receptor for intercellular adhesion molecule family members CD54, CD102 and CD50 as well as for iC3b. These adhesions are crucial in cell-cell and cell-matrix interactions.

### Applications Reported

This ICRF44 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This ICRF44 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5  $\mu$ L (0.25  $\mu$ g) per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test.

**APC-eFluor<sup>®</sup> emits at 780 nm and is excited with the Red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome.**

**Light sensitivity:** Tandem is sensitive photo-induced oxidation. Please protect this vial and stained samples from light.

**Fixation:** Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100  $\mu$ L cell sample + 100  $\mu$ L IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •  
info@ebioscience.com

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### Related Products

47-4714 Mouse IgG1 K Isotype Control APC-eFluor® 780 (P3.6.2.8.1)