

**ANTI-MOUSE CD11c**

**Conjugated Hamster Monoclonal Antibodies Against Mouse CD11c  
Clone HL3**

<b>FITC-conjugate:</b>	<b>Catalog # 10722</b>	<b>100 mg</b>
	<b>Catalog # 10723</b>	<b>500 mg</b>
<b>PE-conjugate:</b>	<b>Catalog # 10822</b>	<b>100 mg</b>
	<b>Catalog # 10823</b>	<b>200 mg</b>

**SPECIFICITY:**

CD11c is the  $\alpha_x$  subunit which combines with CD18 ( $\beta_2$  subunit) to form the integrin gp150,95, (CD11c/CD18). CD11c is highly expressed on monocytes/macrophages and NK cells with weaker expression on granulocytes and activated T cells and B cells.

**CLONE:** HL3

**ISOTYPE:** IgG<sub>1</sub> $\lambda$  (Armenian hamster)

**FORMAT:**

FITC-conjugate: Catalog # 10722: 100  $\mu$ g in 0.2 mL (0.5 mg/mL) diluent  
Catalog # 10723: 500  $\mu$ g in 1.0 mL (0.5 mg/mL) diluent  
PE-conjugate: Catalog # 10822: 100  $\mu$ g in 0.5 mL (0.2 mg/mL) diluent  
Catalog # 10823: 200  $\mu$ g in 1.0 mL (0.2 mg/mL) diluent  
Diluent: Aqueous buffered solution, containing 0.09% (w/v) sodium azide.

**STABILITY AND STORAGE:**

Store at 4°C. Do not freeze. Product is stable for at least 6 months.

**APPLICATIONS AND DIRECTIONS FOR USE:**

Flow cytometry:

Recommended amount per  $1 \times 10^6$  cells in a volume of 100  $\mu$ L:

- FITC-conjugate (Cat No. 10722,10723):  $\leq 1 \mu$ g (2  $\mu$ L)
- PE- conjugate (Cat No. 10822,10823):  $\leq 1 \mu$ g (5  $\mu$ L)

Appropriate conditions should be established for each application.

Cell separation:

Positive selection of murine CD11c<sup>+</sup> cells with StemCell's reagents for immunomagnetic cell separation. Please contact us for more information.

**NOT FOR CLINICAL USE; INCLUDING IN VITRO DIAGNOSTIC USE, AND EX VIVO OR IN VIVO THERAPEUTIC USE IN CLINICAL TRIALS OR IN CLINICAL PRACTISE.  
THIS REAGENT IS FOR RESEARCH ONLY**

***Hazardous Ingredient: Sodium Azide.** Avoid exposure to skin and eyes, ingestion and contact with heat, acids and metals. Wash exposed skin with soap and water. Flush eyes with water. Dilute with running water before discharging into plumbing.*

**REFERENCES:**

1. Barclay AN, Brown MH, Law SKA, McKnight AJ, Tomlinson MG, van der Merwe PA, eds. 1997. The Leukocyte Antigens Facts Book, 2<sup>nd</sup> Edition, CD11c. Academic Press, NY, p 161-162.
2. Kishimoto T et al. Eds.1998. Leukocyte Typing VI. White Cell Differentiation Antigens.. Garland Publishing Inc, New York NY, p1118-1119.