Anti-Human CD11b (DCIS1/18)

	REF	Σ		
PURE	11BPU	1 mg	1 mg/ml	RUO
PURE	11BPU-01MG	100 test	1 µg/test	
FITC	11BF-100T	100 test	20 µL/test	
PE	11BPE-100T	100 test	20 µL/test	
APC	11BA-100T	100 test	20 µL/test	

1. PRODUCT DESCRIPTION

Clone: DCIS1/18;
Isotype: IgG2a;
Tested application: flow cytometry;
Immunogen: The anti-CD11b monoclonal antibody derives from C57BL/10 splenocytes;
Species reactivity: Human;
Storage instruction: store in the dark at 2-8 °C;
Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN_3);
Recommended usage: Immunostep's CD11b, clone DCIS1/18, is a monoclonal antibody intended for the identification and enumeration of human leucocytes using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10^6 cells;
Presentation: liquid;
Source: Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
Purification: Affinity chromatography;
Other names: Integrin alpha-M; Ly-40; Mac-1a; Mac-1 alpha; CR3A; CR-3 alpha chain;
Gene ID: 3684;
Molecular weight: 170 kDa.

2. ANTIGEN DETAILS

Large description: The monoclonal antibody is directed against the CD11b-antigen (MO-1) also called Integrin alpha M, which is expressed on monocytes, granulocytes and NK-cells.
Integrin alpha-M comprises the receptor (CR3 am chain, CD11b/CD18) for the complement component C3i.

Integrin alpha-M/beta-2 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles.[1-4]

3. WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

Not for resale. Immunostep will not be responsible of violations that may occur with the use of this product. Any use of this product other than the specified in this document is strictly prohibited.

Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

Please, refer to www.immunostep.com technical support for more information.

5. REFERENCES

1. Sanchez-Madrid F, Krensky AM, Ware CF, Robbins E, Strominger JL, Burakoff SJ, et al. Three distinct antigens associated with human T-lymphocyte-mediated cytolysis: LFA-1, LFA-2, and LFA-3. Proc Natl Acad Sci U S A1982 Dec;79(23):7489-93.
2. Sanchez-Madrid F, Nagy JA, Robbins E, Simon P, Springer TA. A human leukocyte differentiation antigen family with distinct alpha-subunits and a common beta-subunit: the lymphocyte function-associated antigen (LFA-1), the C3bi complement receptor (OKM1/Mac-1), and the p150,95 molecule. J Exp Med1983 Dec 1;158(6):1785-803.
3. Corbi AL, Larson RS, Kishimoto TK, Springer TA, Morton CC. Chromosomal location of the genes encoding the leukocyte adhesion receptors LFA-1, Mac-1 and p150,95. Identification of a gene cluster involved in cell adhesion. J Exp Med1988 May 1;167(5):1597-607.
4. Springer TA, Dustin ML, Kishimoto TK, Marlin SD. The lymphocyte function-associated LFA-1, CD2, and LFA-3 molecules: cell adhesion receptors of the immune system. Annu Rev Immunol1987;5:223-52.
5. Patarroyo M, Prieto J, Beatty PG, Clark EA, Gahmberg CG. Adhesion-mediating molecules of human monocytes. Cell Immunol1988 May;113(2):278-89.

6. EXPLANATION OF SYMBOLS

	Form
REF	Catalog reference
Σ	Contains sufficient for <n> test
	Regulatory Status
	Quantity per test
RUO	Research Use Only
	Manufacturer

7. MANUFACTURED BY:

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