







# Anti-Human CD6 (MAE-1C10)

				
PURE	6PU	1 mg	1 mg/ml	
FITC	6F-100T	100 test	20 µL/test	
PE	6PE-100T	100 test	20 µL/test	
APC	6A-100T	100 test	20 µL/test	

## 1. PRODUCT DESCRIPTION

**Clone:** MAE-1C10;

**Isotype:** IgG1;

**Tested application:** flow cytometry;

**Immunogen:** The anti-CD6 monoclonal antibody derives from T cells;

**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<sub>3</sub>);

**Recommended usage:** Immunostep's CD6, clone MAE-1C10, is a monoclonal antibody intended for the identification and enumeration of human mature T cells and a sub-population of B cells in peripheral blood using flow cytometry. This reagent is effective for direct immunofluorescence staining of humantissue for flow cytometric analysis using 1 test for 10<sup>6</sup> cells.;

**Presentation:** liquid;

**Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma;

**Purification:** Affinity chromatography;

**Other names:** TI2, T-cell differentiation antigen CD6, TPI26;

**Gene ID:** 923;

**Molecular weight:** 120 kDa single chain membrane glycoprotein.

## 2. ANTIGEN DETAILS

**Large description:** The CD6 antibody reacts with a cell-surface protein present on most thymocytes and peripheral T lymphocytes, but not on all B lymphocytes, the majority of T lymphocytes expressing TCR, NK cells, monocytes, or granulocytes.<sup>(1-3)</sup>

## 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.

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Please, refer to [www.immunostep.com](http://www.immunostep.com) technical support for more information.

## 5. REFERENCES

1. Pauly T, Weiland E, Hirt W, Dreyer-Bux C, Maurer S, Summerfield A, et al. Differentiation between MHC-restricted and non-MHC-restricted porcine cytolytic T lymphocytes. Immunology1996 Jun;88(2):238-46.
2. Saalmuller A, Aasted B, Canals A, Dominguez J, Goldman T, Lunney JK, et al. Analyses of monoclonal antibodies reactive with porcine CD6. Vet Immunol Immunopathol1994 Oct;43(1-3):243-7.
3. Saalmuller A, Pauly T, Hohlich BJ, Pfaff E. Characterization of porcine T lymphocytes and their immune response against viral antigens. J Biotechnol1999 Aug 20;73(2-3):223-33.

## 6. EXPLANATION OF SYMBOLS

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

## 7. MANUFACTURED BY: IMMUNOSTEP S.L.



**Address:** Avda. Universidad de Coimbra, s/n  
Cancer Research Center (C.I.C)  
Campus de Unamuno  
37007 Salamanca (Spain)

**Tel./fax:** (+34) 923 294 827

**E-mail:** [info@immunostep.com](mailto:info@immunostep.com)  
[www.immunostep.com](http://www.immunostep.com)