






# Anti-Human CD26 (TPI/19)

				
FITC	26F-100T	100 test		
PE	26PE-100T	100 test		
APC	26A-100T	100 test		
CF-Blue	26CFB-100T	100 test		

## 1. PRODUCT DESCRIPTION

- **Clone:** TPI/19;
- **Isotype:** IgG2b;
- **Tested application:** flow cytometry;
- **Immunogen:** The anti-CD26 monoclonal antibody derives from PMA and Ionomyacin activated T cells blast (Human);
- **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 CD26, clone TPI/19 is a monoclonal antibody intended for the identification and enumeration of mature thymocytes, T lymphocytes (upregulated upon activation), B cells, NK cells, and macrophages using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue 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:** Dipeptidyl peptidase 4, ADABP, Adenosine deaminase complexing protein 2, ADCP-2, Dipeptidyl peptidase IV, DPP IV, T-cell activation antigen CD26, TPIO3, ADA-binding protein;
- **Gene ID:** 1803;
- **Molecular weight:** 110 kDa.

## 2. ANTIGEN DETAILS

**Large description:** This antibody reacts with the T cell activation antigen that has cell surface dipeptidyl peptidase Iv (DPPIV) enzyme activity. The CD26 antigen is a functional collagen receptor as well as a DPPIV ectoenzyme which cleaves amino-terminal dipeptides with either L-proline or L-alanine at the penultimate position.<sup>[1-4]</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.

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.







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

## 5. REFERENCES

1. Dang NH, Torimoto Y, Schlossman SF, Morimoto C. Human CD4 helper T cell activation: functional involvement of two distinct collagen receptors, IF7 and VLA integrin family. *J Exp Med*1990 Aug 1;172(2):649-52.
2. Kameoka J, Tanaka T, Nojima Y, Schlossman SF, Morimoto C. Direct association of adenosine deaminase with a T cell activation antigen, CD26. *Science*1993 Jul 23;261(5120):466-9.
3. Scholz W, Mentlein R, Heymann E, Feller AC, Ulmer AJ, Flad HD. Interleukin 2 production by human T lymphocytes identified by antibodies to dipeptidyl peptidase IV. *Cell Immunol*1985 Jun;93(1):199-211.
4. Knapp W. *Leucocyte typing IV : white cell differentiation antigens*. Oxford: Oxford University Press; 1989.

## 6. EXPLANATION OF SYMBOLS

	Fluorochrome
	Product reference
	Content for <n> analysis
	Regulatory Status
	Research Use Only
	Manufacturer

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



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