



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-Human CD26 (TP1/19)

Fluorochrome	Reference	Size
Pure	26PU-OIMG	100 test
FITC	26F-100T	100 test
PE	26PE-100T	100 test
PerCP	26PP-100T	100 test
APC	26A-100T	100 test
Biotin	26B-OIMG	100 test
CF-Blue	26CFB-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** TP1/19

**Isotype:** IgG2b

**Tested application:** flow cytometry

**Immunogen:** The anti-CD26 monoclonal antibody derives from PMA and Ionomycin 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 TP1/19 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  $\leq 1 \mu\text{g}/10^6$  cells.

**Presentation:** liquid

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

**Purification:** Affinity chromatography.

### ANTIGEN DETAILS

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

**Other Names:** Dipeptidyl peptidase 4, ADABP, Adenosine deaminase complexing protein 2, ADCP-2, Dipeptidyl peptidase IV, DPP IV, T-cell activation antigen CD26, TP103, ADA-binding protein.

**Gene ID:** 1803

**Molecular weight:** 110 kDa

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

### 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.

### 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.

### MANUFACTURED BY



#### Immunostep S.L

Avda. Universidad de Coimbra, s/n  
Cancer Research Center (CIC)  
Campus Miguel de Unamuno  
37007 Salamanca (Spain)  
Tel. (+34) 923 294 827  
[www.immunostep.com](http://www.immunostep.com)