



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti- Human CD25 (TP1/6)

Fluorochrome	Reference	Size
Pure	25PU-01MG	100 test
FITC	25F-100T	100 test
PE	25PE-100T	100 test
APC	25A-100T	100 test
Biotin	25B-01MG	100 test
CF-Blue	25CFB-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** TP1/6

**Isotype:** IgG2b

**Tested application:** flow cytometry

**Immunogen:** The anti-CD25 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 CD25, clone TP1/6 is a monoclonal antibody intended for the identification and enumeration of activated T cells and B cells, monocytes/macrophages, T reg. 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:** CD25 recognizes a type I transmembrane glycoprotein. CD25 is an epitope B of the IL-2 alpha receptor. Expression of human CD25 (the alpha subunit of the IL-2 receptor complex) is dramatically upregulated on activated T cells, B cells, NK cells and macrophages.<sup>(1-3)</sup>

**Other Names:** Low affinity IL-2R, IL-2R  $\alpha$  chain, Tac, p55, Interleukin-2 receptor subunit alpha, IL-2 receptor subunit alpha, IL-2-RA, IL-2R subunit alpha, IL2-RA, TAC antigen.

**Gene ID:** 3559

**Molecular weight:** 55 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. Chung IY, Dong HF, Zhang X, Hassanein NM, Howard OM, Oppenheim JJ, et al. Effects of IL-7 and dexamethasone: induction of CD25, the high affinity IL-2 receptor, on human CD4+ cells. *Cell Immunol* 2004 Nov-Dec;232(1-2):57-63.
2. Leonard WJ, Depper JM, Robb RJ, Waldmann TA, Greene WC. Characterization of the human receptor for T-cell growth factor. *Proc Natl Acad Sci U S A* 1983 Nov;80(22):6957-61.
3. Uchiyama T, Broder S, Waldmann TA. A monoclonal antibody (anti-Tac) reactive with activated and functionally mature human T cells. I. Production of anti-Tac monoclonal antibody and distribution of Tac (+) cells. *J Immunol* 1981 Apr;126(4):1393-7.

### MANUFACTURED BY



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