



# 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 CD45 (HI30)

Fluorochrome	Reference	Size
Pure	45PU2-01MG	100 test
FITC	45F2-100T	100 test
PE	45PE2-100T	100 test
PerCP	45PP2-100T	100 test
APC	45A2-100T	100 test
Biotin	45B2-01MG	100 test
CF-Blue	45CFB2-100T	100 test
OC515	45OC2-100T	100 test
APC-C750	45AC7502-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** HI30

**Isotype:** IgG1

**Tested application:** flow cytometry

**Immunogen:** The anti-CD45 monoclonal antibody derives from human peripheral blood mononuclear cells and tonsil cells.

**Workshop No.** IV N816<sup>(1)</sup>

**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 CD45, clone HI30 is a monoclonal antibody intended for the identification and enumeration of T200 protein using flow cytometry<sup>(2)</sup>. 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

**Purification:** Protein G Affinity chromatography.

### ANTIGEN DETAILS

**Large description:** The monoclonal antibody is directed against the CD45-antigen, defined T200 or Leucocyte Common Antigen. The antibody reacts with all cells of the haemopoietic lineage, not with cells of other lineages<sup>(3)</sup>. The mouse monoclonal antibody HI30 recognizes all isoforms of human CD45 antigen (Leukocyte Common Antigen), a 180-190-205-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes, platelets or mature erythroid cells of bone marrow and non-hemopoietic tissues.

**Other names:** Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, T200

**Gene ID:** 5788

**Molecular weight:** 180, 190, 205 and 220 kDa.

Please, refer to 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. Knapp W, Dörken B, Gilks WR, et al, ed. Leucocyte Typing IV. New York, NY: Oxford University Press; 1989; :1-1182.
2. Hermiston ML, Xu Z, Weiss A. CD45: a critical regulator of signaling thresholds in immune cells. Annu Rev Immunol. 2003; 21:107-137.
3. Shah VOI, Civin CI, Loken MR. Flow cytometric analysis of human bone marrow. IV. Differential quantitative expression of T-200 common leukocyte antigen during normal hemopoiesis. J Immunol. 1988 Mar 15;140(6):1861-7.

### MANUFACTURED BY



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