



# 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

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## Anti-Human CD20 (2H7)

Fluorochrome	Reference	Size
FITC	20F3-100T	100 test
PE	20PE3-100T	100 test
PerCP	20PP3-100T	100 test
APC	20A3-100T	100 test
CF-Blue	20CFB3-100T	100 test
APC-C750	20AC7503-100T	100 test
PerCP- Cyanine5.5	20PPC5.53-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** 2H7

**Isotype:** IgG2b

**Tested application:** flow cytometry

**Immunogen:** The anti-CD20 monoclonal antibody derives from human 6.16c1.3 B cell line.

**Species reactivity:** Human, Cross-Reactivity: Chimpanzee, Baboon, Cynomolgus, Rhesus, Pigtailed Macaque, Capuchin Monkey, Squirrel Monkey.

**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 CD20, clone 2H7 is a monoclonal antibody intended for the identification and enumeration of human B cells 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.

### ANTIGEN DETAILS

**Large description:** The reactivity of 2H7 MoAb has a bit wide including some dendritic cells, endothelial cells on vessels epithelial cells, some macrophages and some activated T cells. CD20 antigen is present on 8-16% of normal peripheral blood lymphocytes. CD20 MoAb recognizes type III unglycosylated phosphoprotein which crosses the cell membrane four times called TM4.<sup>(1-3)</sup>

**Other Names:** B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, B1, Bp35; MS4A2

**Gene ID:** 931

**Molecular weight:** 33-37 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. Knapp W. Leucocyte typing IV : white cell differentiation antigens. Oxford: Oxford University Press; 1989.
2. Hultin LE, Hausner MA, Hultin PM, Giorgi JV. CD20 (pan-B cell) antigen is expressed at a low level on a subpopulation of human T lymphocytes. *Cytometry*1993;14(2):196-204.
3. Schlossman SF. Leucocyte typing V : white cell differentiation antigens : proceedings of the Fifth International Workshop and Conference : held in Boston, USA, 3-7 November, 1993. Oxford: Oxford University Press; 1995.

### MANUFACTURED BY



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