

Anti-Human CD20 (2H7)



FITC	20F3-100T	100 test
PE	20PE3-100T	100 test
PerCP-Cyanine5.5	20PPC5.53-100T	100 test
APC	20A3-100T	100 test
CF-Blue	20CFB3-100T	100 test



1. 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 (NaN₃);
- **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 10⁶ cells;
- **Presentation:** liquid;
- **Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
- **Purification:** Affinity chromatography;
- **Other names:** B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, BI; Bp35; MS4A2;
- **Gene ID:** 931;
- **Molecular weight:** 33-37 kDa.

2. 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.⁽¹⁻³⁾

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.

Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

Please, refer to www.immunostep.com technical support for more information.

5. 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.

6. EXPLANATION OF SYMBOLS



Fluorochrome



Product reference



Content for <n> analysis



Regulatory Status



Research Use Only



Manufacturer

7. MANUFACTURED BY: IMMUNOSTEP S.L.



Address: Avda. Universidad de Coimbra, s/n
Cancer Research Center (C.I.C)
Campus de Unamuno
37007 Salamanca (Spain)
Tel./fax: (+34) 923 294 827
E-mail: info@immunostep.com
www.immunostep.com