



# 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 CD19 (A3-B1)

Fluorochrome	Reference	Size
Pure	19PUI-O1MG	100 test
FITC	19FI-100T	100 test
PE	19PEI-100T	100 test
PerCP	19PPI-100T	100 test
APC	19AI-100T	100 test
Biotin	19BI-O1MG	100 test
CF-Blue	19CFBI-100T	100 test
APC-C750	19AC750-100T	100 test
PerCPCyanine5.5	19PPC5.5I-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** A3-B1

**Isotype:** IgG2a

**Tested application:** flow cytometry

**Immunogen:** The anti-CD19 monoclonal antibody derives from human tonsil.

**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 CD19, clone A3-B1 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 monoclonal antibody is directed against the CD19- antigen (B4-antigen), which is expressed on human B lymphocytes. The monoclonal antibody is B lineage-specific and reacts with early B-cell precursors, pre-pre-B-cells, pre-B-cells, B-cells, intermediate B-cells, mature B-cells and some plasmacytoid cells, also reacts with pre-B-cell-lines, B lymphoblastoid cell-lines and Burkitt cell-lines, and with 50% of myeloma cell-lines. Plasma cells were found to be negative.<sup>(1-4)</sup>

**Other Names:** B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, Differentiation antigen CD19, T-cell surface antigen Leu-12, B4

**Gene ID:** 930

**Molecular weight:** Ig superfamily, type I transmembrane glycoprotein, 95 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. Pezzutto A, Dorken B, Rabinovitch PS, Ledbetter JA, Moldenhauer G, Clark EA. CD19 monoclonal antibody HD37 inhibits anti-immunoglobulin-induced B cell activation and proliferation. *J Immunol* 1987 May 1;138(9):2793-9.
2. Sato S, Ono N, Steeber DA, Pisetsky DS, Tedder TF. CD19 regulates B lymphocyte signaling thresholds critical for the development of B-1 lineage cells and autoimmunity. *J Immunol* 1996 Nov 15;157(10):4371-8.
3. Carter RH, Doody GM, Bolen JB, Fearon DT. Membrane IgM-induced tyrosine phosphorylation of CD19 requires a CD19 domain that mediates association with components of the B cell antigen receptor complex. *J Immunol* 1997 Apr 1;158(7):3062-9.
4. Braylan RC, Orfao A, Borowitz MJ, Davis BH. Optimal number of reagents required to evaluate hematolymphoid neoplasias: results of an international consensus meeting. *Cytometry* 2001 Feb 15;46(1):23-7.

### MANUFACTURED BY



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