

## CD19 Mouse Anti-Human Monoclonal Antibody (clone SJ25C1) PerCP-Cy®5.5 Conjugate

Store at 2°C to 8°C

Pub. No. MAN0008215    Rev. 1.00

Catalog No.	Form	Amount	Excitation	Peak Emission
A15862	PerCP-Cy®5.5	25 tests (5 µL/test, 0.02 µg/µL)	482 nm	695 nm

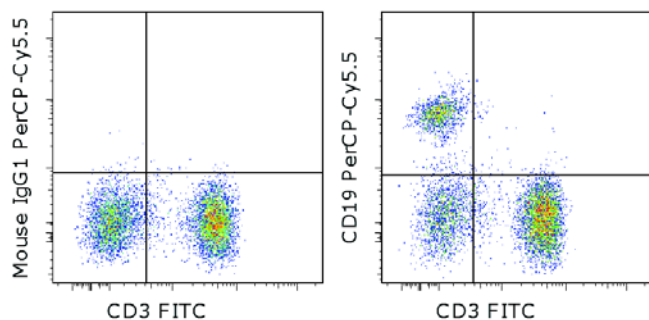
<b>Clone</b>	SJ25C1
<b>Host/Class</b>	Mouse IgG <sub>1κ</sub>
<b>Description</b>	The CD19 Mouse Anti-Human Monoclonal Antibody reacts with human CD19, a 95 kDa transmembrane glycoprotein that is part of a complex including CD21, CD81, and MHC class II that acts as a co-receptor for BCR. It is involved in signal transduction, and B cell proliferation. CD19 is expressed by follicular dendritic cells and B cells. Expression by B lineage cells is present throughout development, but is lost upon maturation to plasma cells.
<b>Alternate Names</b>	Leu-12
<b>Applications*</b>	FC (normal human peripheral blood cells)
<b>Storage Buffer</b>	The reagent is provided in aqueous buffer with 0.09% sodium azide, and may contain carrier protein/stabilizer.
<b>Storage</b>	Store reagents in the dark at 2° to 8°C. Do not freeze. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted.  Avoid prolonged light exposure with fluorochrome-conjugated antibodies. Use dim light during handling, incubation with cells, and prior to analysis.
<b>Stability</b>	When stored as instructed, expires one year from date of receipt unless otherwise indicated on Certificate of Analysis.
<b>Lot Number</b>	See product label.
<b>References</b>	<ol style="list-style-type: none"> <li>Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.</li> <li>Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.</li> </ol>

\* Because conditions may vary, it is recommended that each investigator determine the optimal amount of antibody to be used for each application.

FC = flow cytometry; FUNC = functional assay; ICC = immunocytochemistry; IHC(F) = immunohistochemistry (frozen sample); IHC(P) = immunohistochemistry (paraffin embedded sample); IP = immunoprecipitation; RIA = radioimmunoassay; WB = western blot

**For Research Use Only. Not for use in diagnostic procedures.**

Manufacturing site: 7335 Executive Way | Frederick, MD 21704 | Toll Free in USA 800.955.6288



**Figure 1** Staining of normal human peripheral blood cells with CD19 Mouse Anti-Human PerCP-Cy<sup>®</sup>5.5 Conjugate (Cat. no. A15862).

Staining of normal human peripheral blood cells with CD19 Mouse Anti-Human PerCP-Cy<sup>®</sup>5.5 Conjugate (right) or a human CD3 FITC conjugate and a mouse IgG1κ PerCP-Cy<sup>®</sup>5.5 conjugate isotype control (left). Cells in the lymphocyte gate were used for analysis.

## Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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