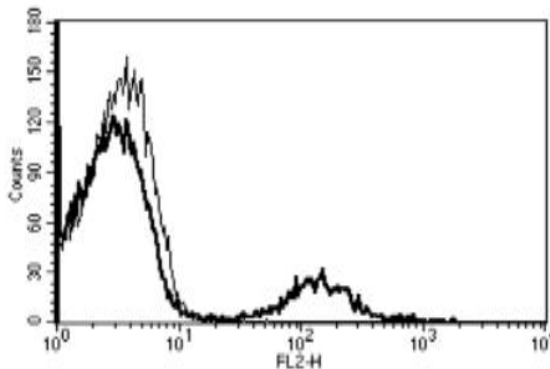


CD19

Mouse Anti-Human CD19 (Clone B-C3) Biotin mAb

| | | | |
|---------------------------------|--|------------------|-----------|
| Catalog No. | CDM159 | Quantity: | 100 tests |
| Alternate Names: | B4, CVID3 | | |
| Description: | The monoclonal antibody recognizes Human CD19. Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. CD19 is a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. | | |
| Gene ID: | 930 | | |
| Conjugate: | Biotin | | |
| Specificity: | Recognizes human CD19, a 95 kDa protein | | |
| Host: | Mouse | | |
| Isotype: | IgG1 | | |
| Immunogen: | Chronic Lymphoid Leukemia (CLL) cells | | |
| Clone: | B-C3 | | |
| Formulation: | Lyophilized from PBS with 5% BSA and 0.09% sodium azide. Precaution: Sodium azide is a poisonous hazardous substance which should be handled by trained staff. | | |
| Purification: | Ion exchange chromatography | | |
| Reconstitution: | Centrifuge vial prior to opening. Reconstitute with 1 ml deionized water. | | |
| Applications: | Flow Cytometry | | |
| Application Notes: | Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood. The optimal concentration should be determined by the user for each specific application. | | |
| Storage & Stability: | Stable at 2-8°C for 6 months after reconstitution. For longer storage, freeze aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles. | | |

A typical staining pattern with the B-C3 monoclonal antibody of lymphocytes



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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