

PRODUCT INFORMATION

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| Clone ID | 16B8 |
| Target | CD19 |
| Synonyms | CD19,B4,CVID3,MGC12802 |
| Host Species | Rabbit |
| Description | Anti-CD19 antibody(16B8), IgG1 Chimeric mAb |
| Delivery | In Stock |
| Uniprot ID | P15391 |
| IgG type | Rabbit/Human Fc chimeric IgG1 |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | Flow Cyt |
| Recommended Dilutions | Flow Cyt 1/100 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Endotoxin | Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | 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. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. |
| Usage | Research use only |
| Conjugate | Unconjugated |
| DIMA Disclaimer | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr |



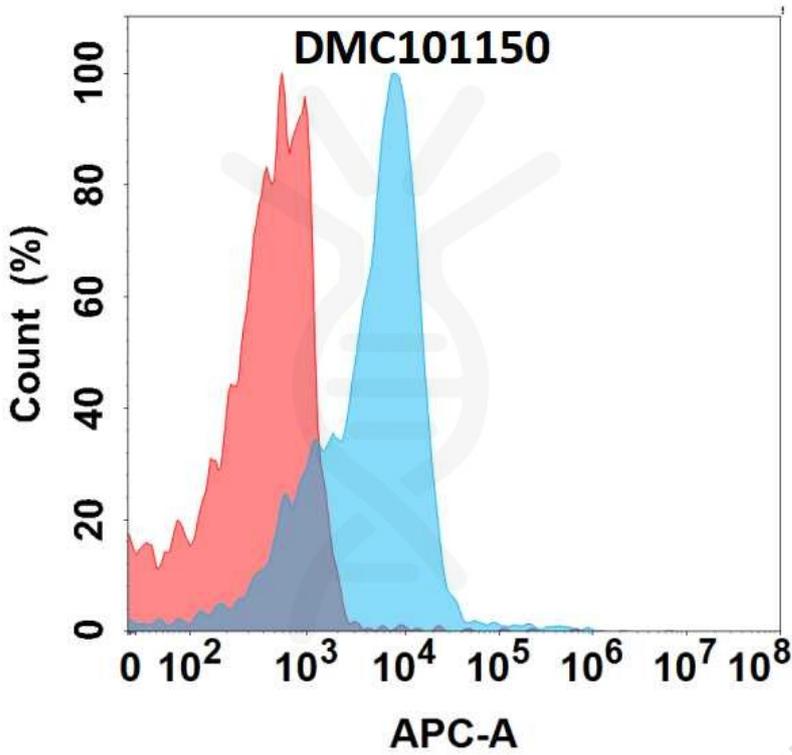


Figure 1. Flow cytometry analysis with 1µg/mL Anti-CD19 (16B8) mAb on Raji cells.

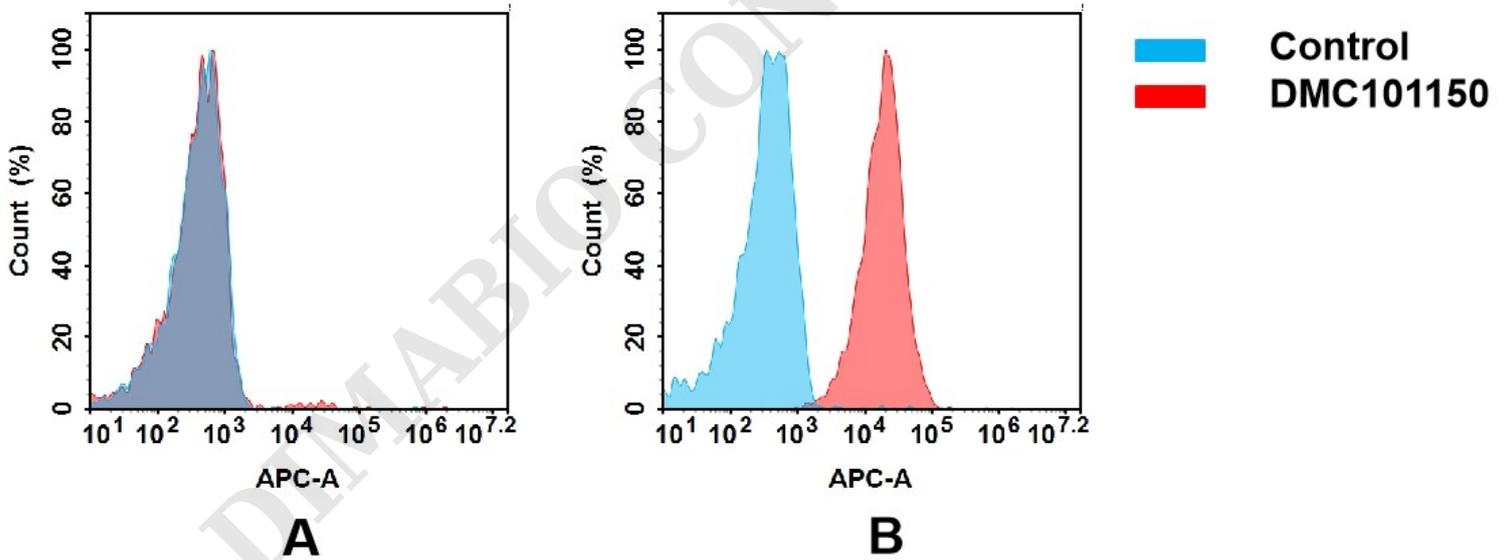


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD19 mAb(DMC101150).

(A) DMC101150 does not bind to CHO-S cells that do not express CD19.

(B) A clear peak shift of DMC101150 was seen compared to the control when incubated with CD19-expressing Raji cells, indicating strong binding of DMC101150 to CD19. Antibodies were incubated at 5 µg/mL.

