

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| 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   |
| 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 scrutinizing all patent application to ensure no IP infringement.  |



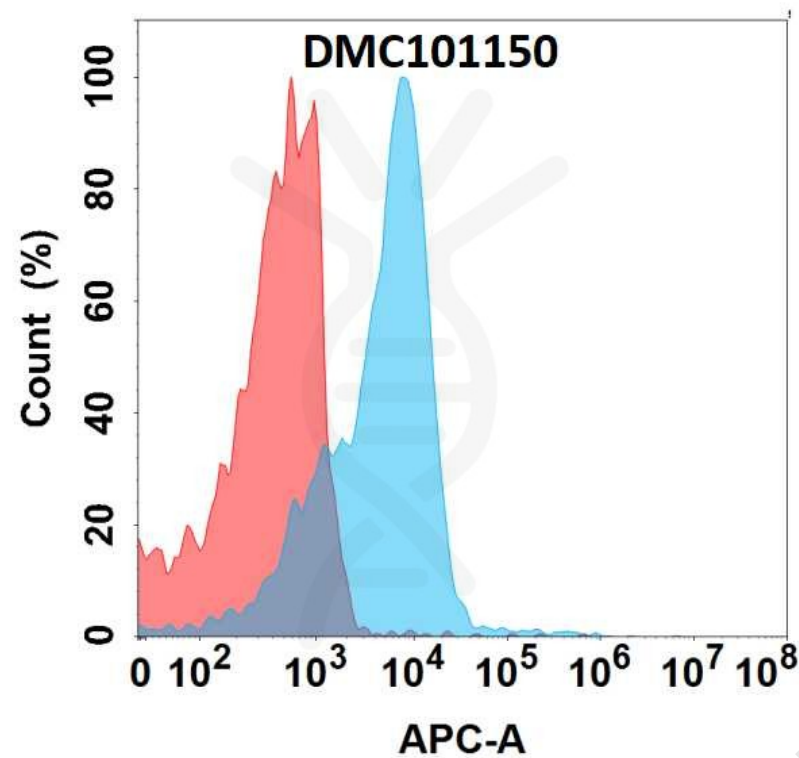


Figure 1. Flow cytometry analysis with 1µg/mL Anti-CD19 (16B8) mAb on Raji cells.

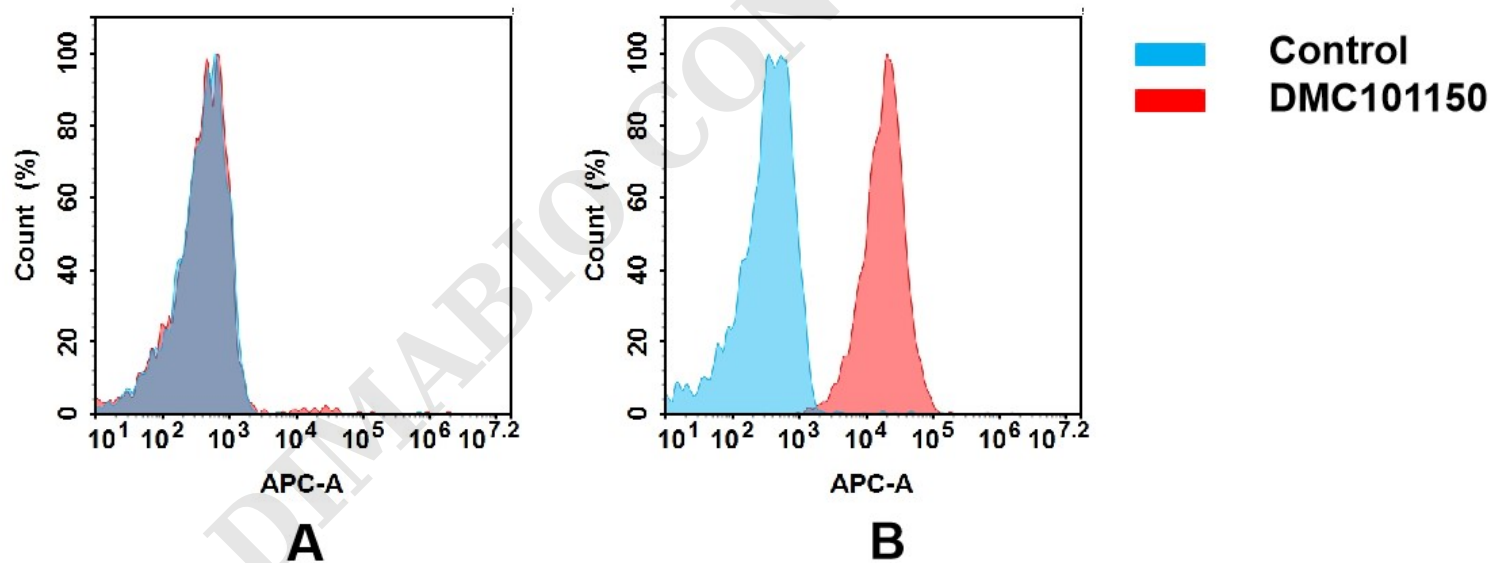


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD19 mAb(DMC101150).  
(A) DMC101150 does not bind to CHO-S cells that do not express CD19.  
(B) A clear peak shift of DMC101150 was seen compared to the control when incubated with CD19-expressing Raji cells, indicating strong binding of DMC101150 to CD19. Antibodies were incubated at 5 µg/mL.

