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.

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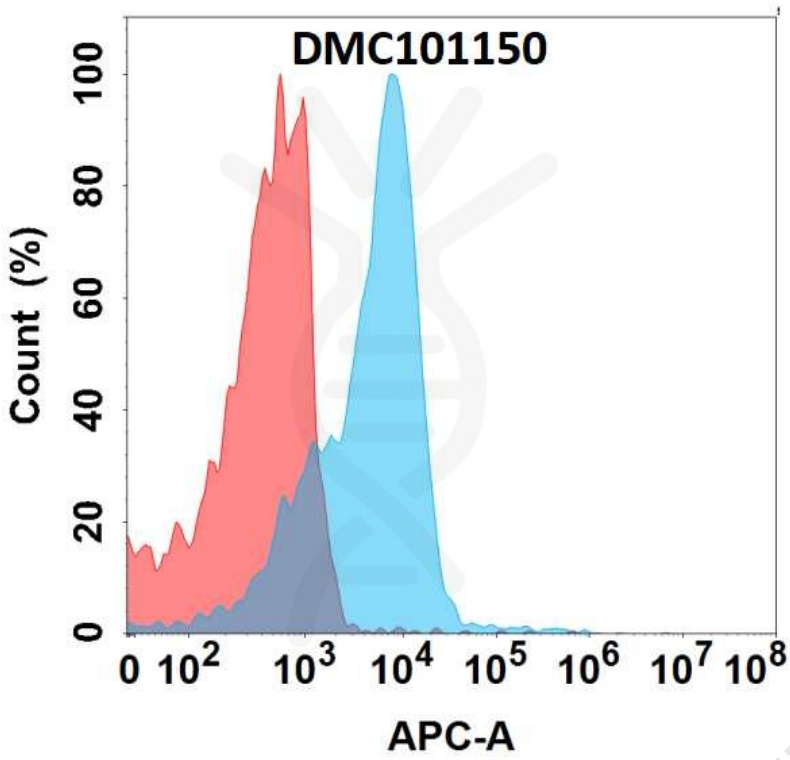

Figure 1. Flow cytometry analysis with 1μg/mL Anti-CD19 (16B8) mAb on Raji cells.

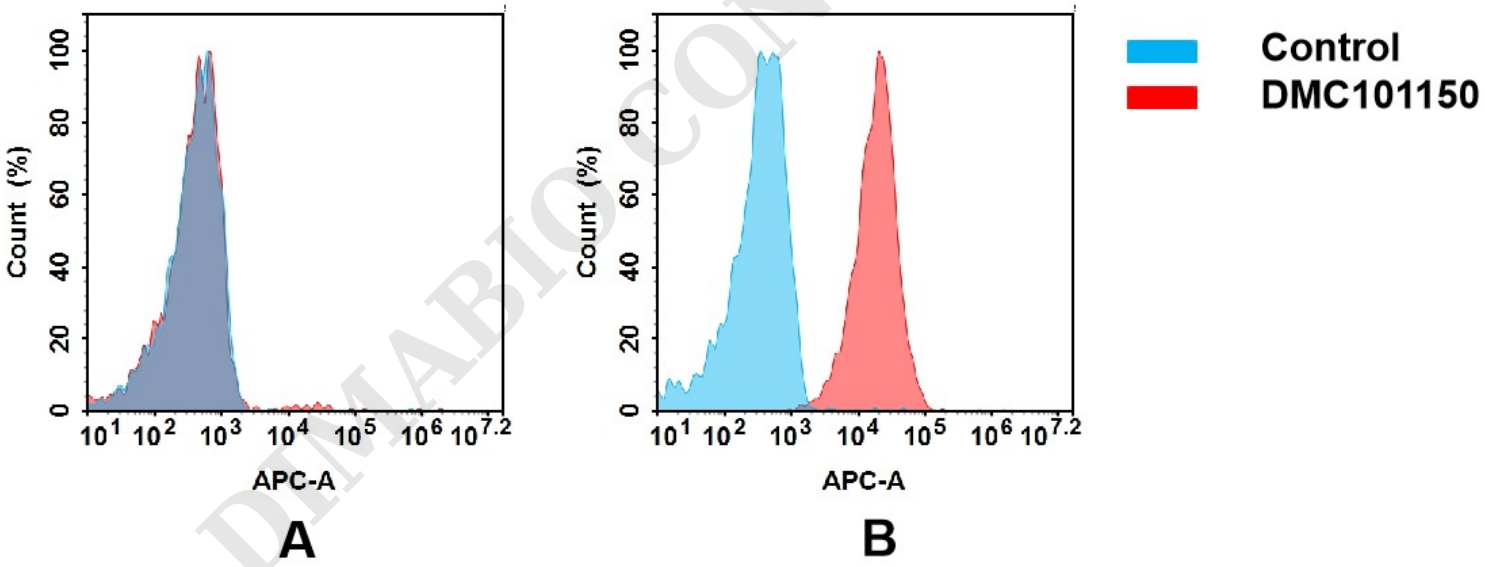

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD19 mAb(DMC101150).
(A) DMC101150 does not bind to CHO-S cells that do not express CD19.
(B) A clear peak shift of DMC101150 was seen compared to the control when incubated with CD19-expressing Raji cells, indicating strong binding of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

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