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

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

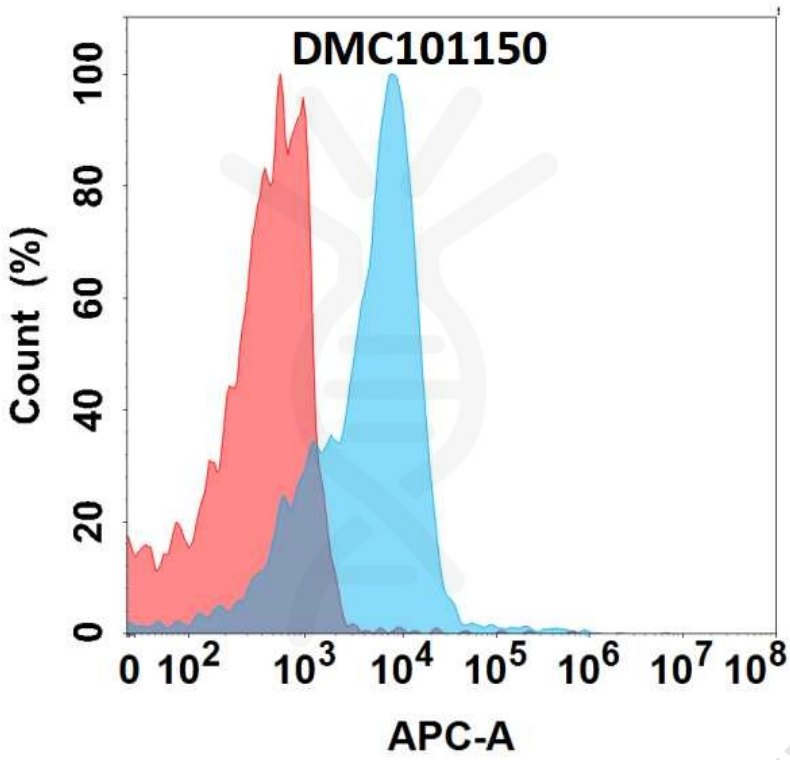

Figure 1. Flow cytometry analysis with 1μg/mL Anti-CD19 (16B8) mAb on Raji cells.

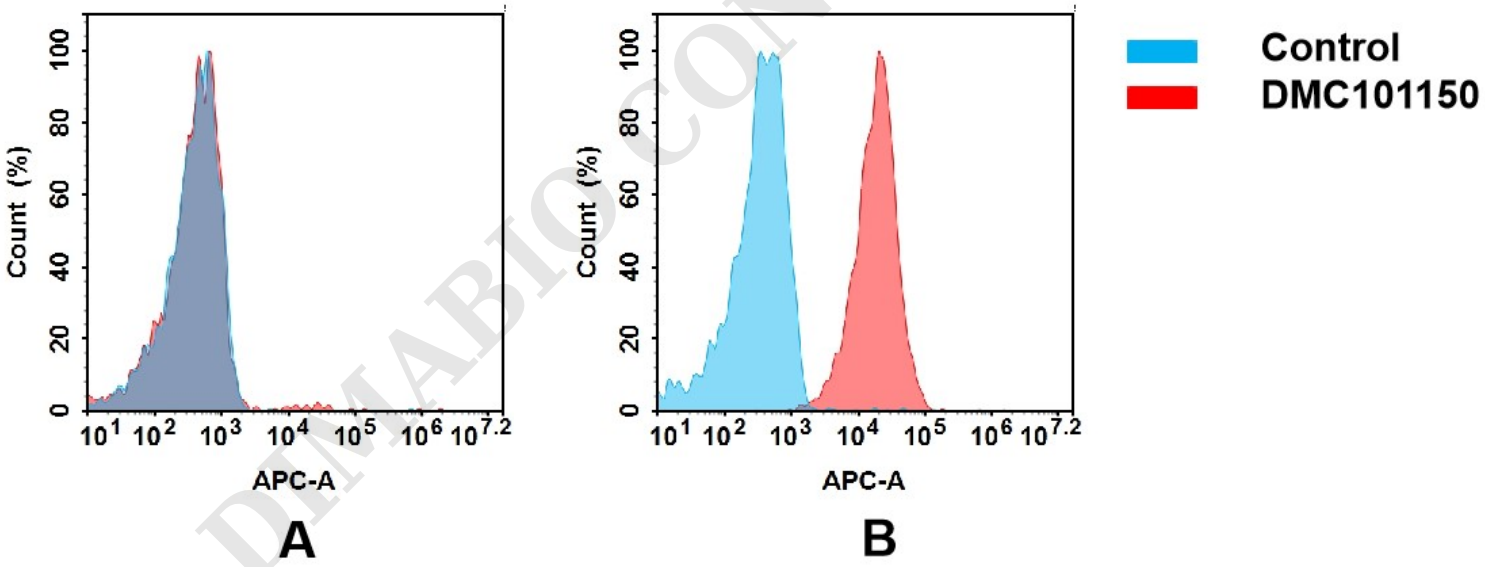

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD19 mAb(DMC101150).
(A) DMC101150 does not bind to CHO-S cells that do not express CD19.
(B) A clear peak shift of DMC101150 was seen compared to the control when incubated with CD19-expressing Raji cells, indicating strong binding of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

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com