## PRODUCT INFORMATION

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|---|---|
| **Clone ID** | **Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** DMC280 |
| **Target** | CD21 |
| **Synonyms** | C3DR; CD21; CR; CVID7; SLEB9 |
| **Host Species** | Rabbit |
| **Description** | Anti-CD21 antibody(DMC280); IgG1 Chimeric mAb |
| **Delivery** | In Stock |
| **Uniprot ID** | P20023 |
| **IgG type** | Rabbit/Human Fc chimeric IgG1 |
| **Clonality** | Monoclonal |
| **Reactivity** | Human |
| **Applications** | Flow Cyt; WB |
| **Recommended Dilutions** | Flow Cyt 1:100; WB 1:1000 |
| **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** | This gene encodes a membrane protein; which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| **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 |

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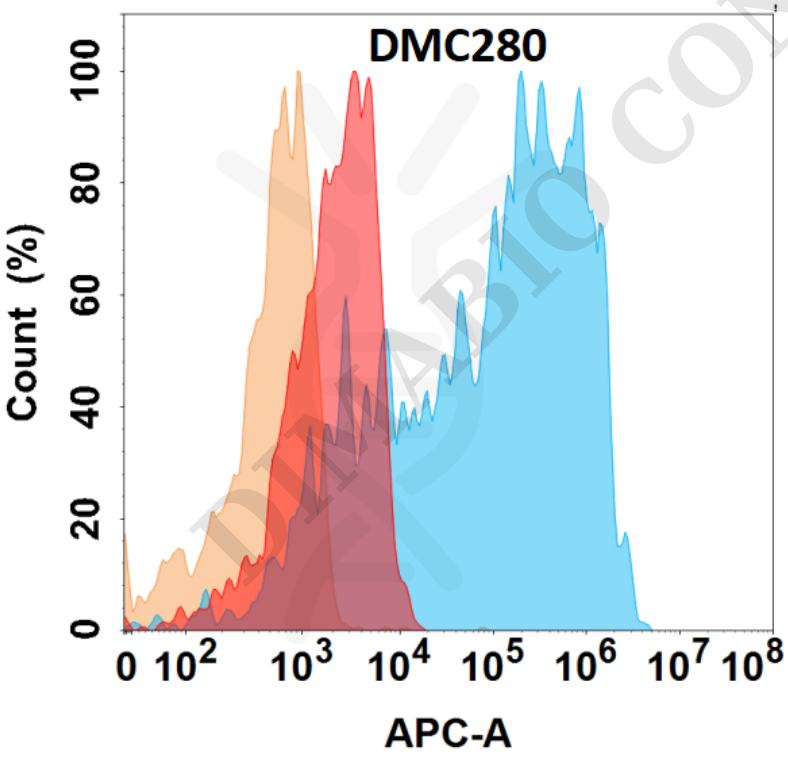



Figure 1. Flow cytometry analysis with Anti-CD21 (DMC280) on HEK293 cells transfected with human CD21 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).

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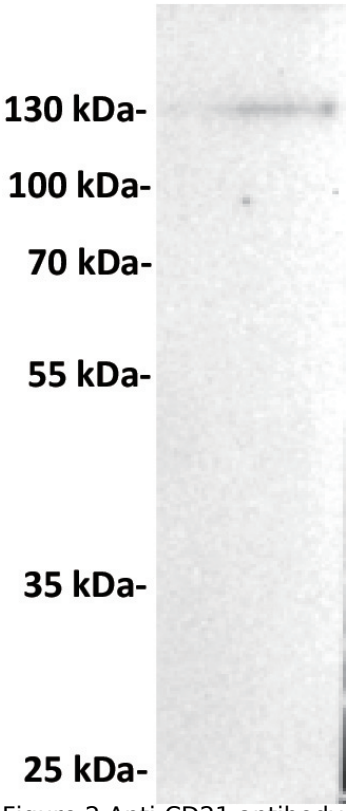



Figure 2.Anti-CD21 antibody (SKU# DMC100280) at 1/1000 dilution

Lane : RAJI, whole cell lysate

Secondary : Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

Predicted band size: 113 kDa
Observed band size: 150 kDa

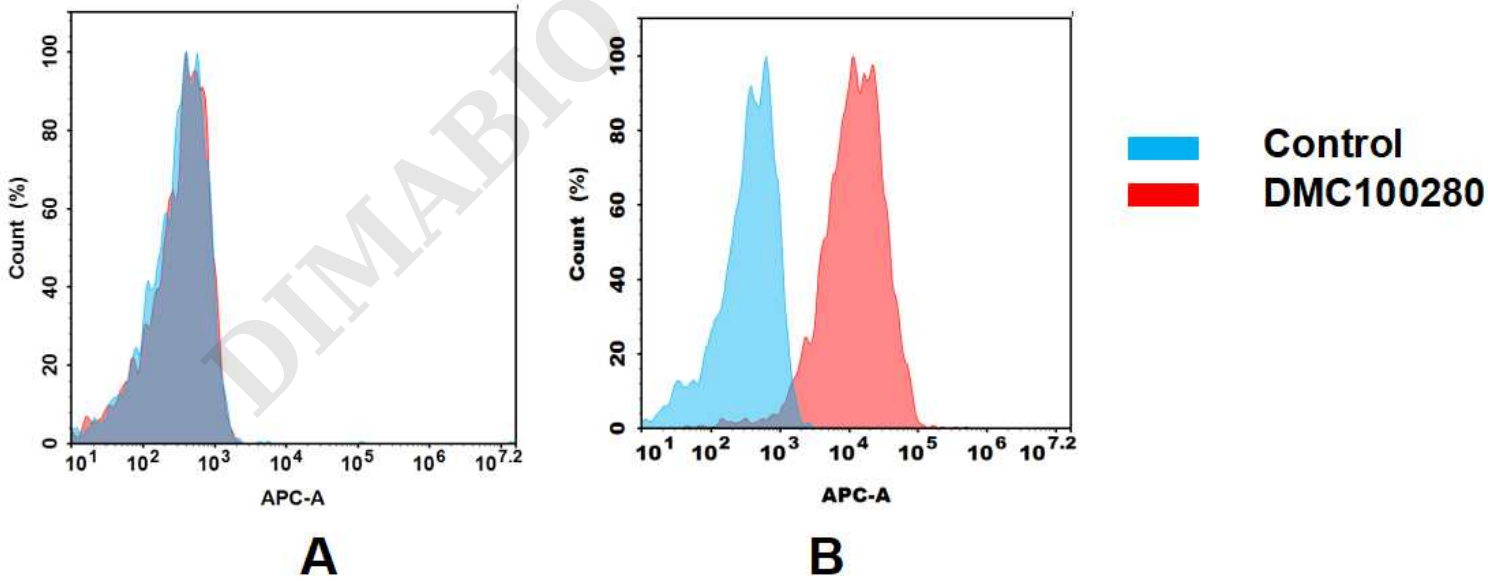



Figure 3. Flow cytometry analysis of antigen binding of anti-human CD21 mAb(DMC100280).
(A) DMC100280 does not bind to Jurkat cells that do not express CD21.
(B) A clear peak shift of DMC100280 was seen compared to the control when incubated with CD21-expressing Raji cells, indicating strong binding of DMC100280 to CD21. Antibodies were incubated at 10 μg/mL.

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