Anti-CD22 antibody(8B5), Rabbit mAb

Cat. No. DME100012

## 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**<br>8B5 |
| **Target** | CD22 |
| **Synonyms** | SIGLEC2; SIGLEC-2 |
| **Host Species** | Rabbit |
| **Description** | Anti-CD22 antibody(8B5), Rabbit mAb |
| **Delivery** | In Stock |
| **Uniprot ID** | P20273 |
| **IgG type** | Rabbit IgG |
| **Clonality** | Monoclonal |
| **Reactivity** | Human |
| **Applications** | WB; Flow Cyt |
| **Recommended Dilutions** | WB 1:1000; 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** | CD22 (CD22 Molecule) is a Protein Coding gene. Diseases associated with CD22 include Refractory Hematologic Cancer and Hairy Cell Leukemia. Among its related pathways are Downstream signaling events of B Cell Receptor (BCR) and Hematopoietic cell lineage. Gene Ontology (GO) annotations related to this gene include carbohydrate binding. An important paralog of this gene is SIGLEC2. |
| **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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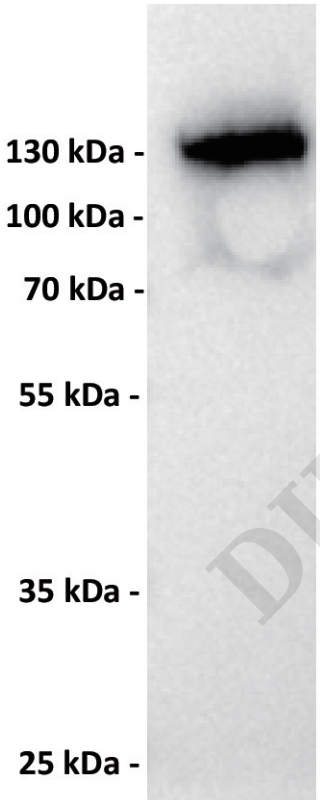



Figure 1.Anti-CD22 antibody (SKU# DME100012) at 1/1000 dilution

Lane : Raji (human Burkitt's lymphoma B lymphocyte), whole cell lysate

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

Predicted band size: 60 kDa
Observed band size: 130 kDa

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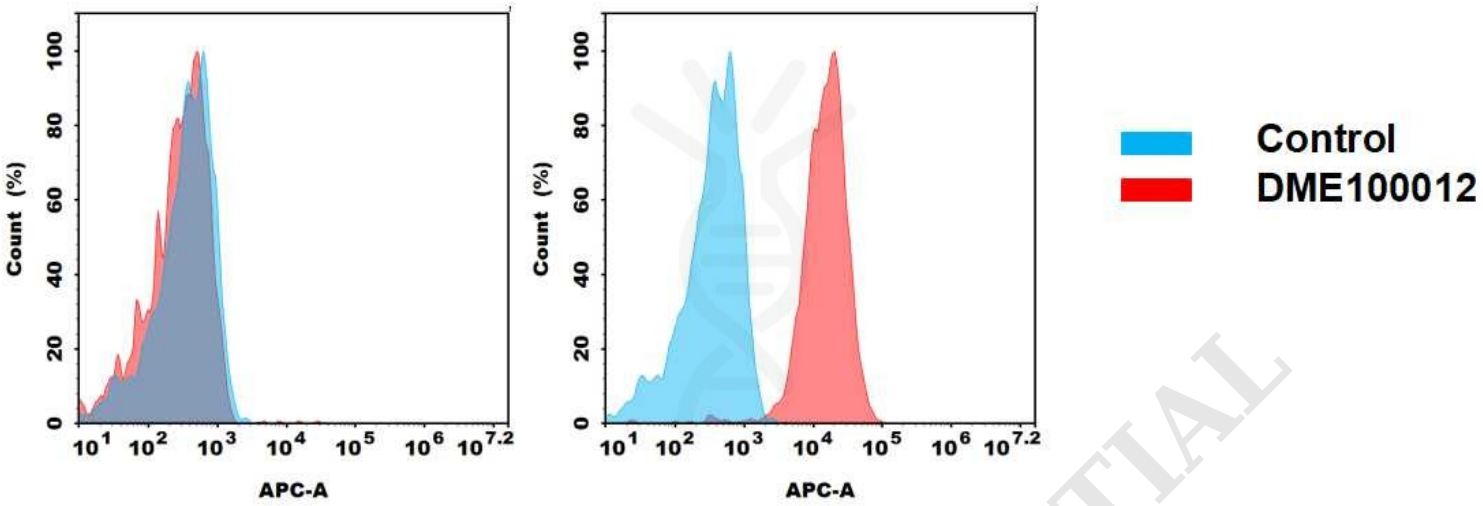



Figure 2. Flow cytometry analysis of antigen binding of anti-human CD22 mAb(DME100012).

(A) DME100012 does not bind to Jurkat cells that do not express CD22
(B) A clear peak shift of DME100012 was seen compared to the control when incubated with CD22-expressing Raji cells, indicating strong binding of DME100012 to CD22.
Antibodies were incubated at 10 ug/mL.

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