

PRODUCT INFORMATION

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| Clone ID | DMC436 |
| Target | CD83 |
| Synonyms | BL11; HB15 |
| Host Species | Rabbit |
| Description | Anti-CD83 antibody(DMC436); IgG1 Chimeric mAb |
| Delivery | In Stock |
| Uniprot ID | Q01151 |
| 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 | The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three 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 |



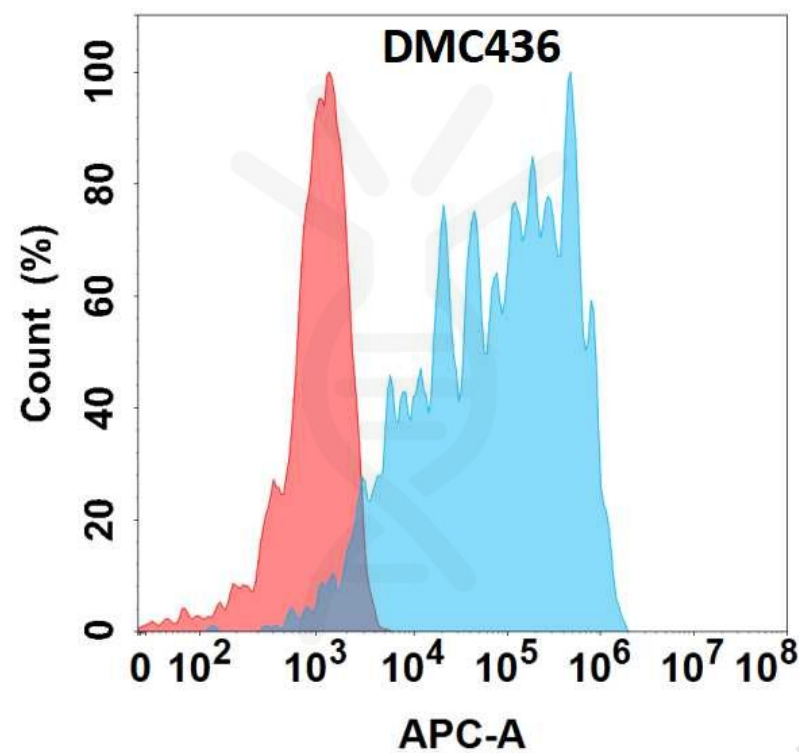


Figure 1. Flow cytometry analysis with Anti-CD83 (DMC436) on HEK293 cells transfected with human CD83 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

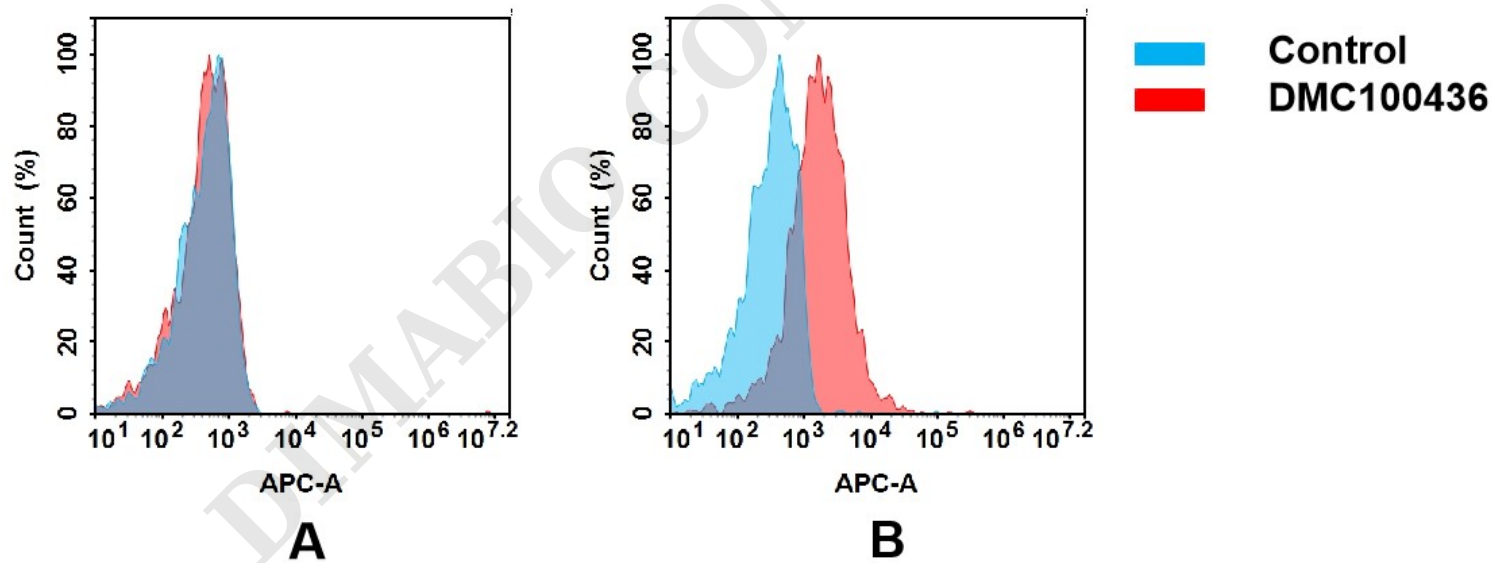


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD83 mAb(DMC100436).
(A) DMC100436 does not bind to CHO-S cells that do not express CD83.
(B) A clear peak shift of DMC100436 was seen compared to the control when incubated with CD83-expressing Raji cells, indicating strong binding of DMC100436 to CD83. Antibodies were incubated at 5 µg/mL.

