

PRODUCT INFORMATION

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| Clone ID | DMC486 |
| Target | CD23 |
| Synonyms | BLAST-2; CD23; CD23A; CLEC4J; FCE2; IGEBF |
| Host Species | Rabbit |
| Description | Anti-CDH23 antibody(DMC486); IgG1 Chimeric mAb |
| Delivery | In Stock |
| Uniprot ID | P06734 |
| 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 B-cell specific antigen; and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation; and the regulation of IgE production. This protein also exists as a soluble secreted form; then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq; Jul 2011] |
| Usage | Research use only |



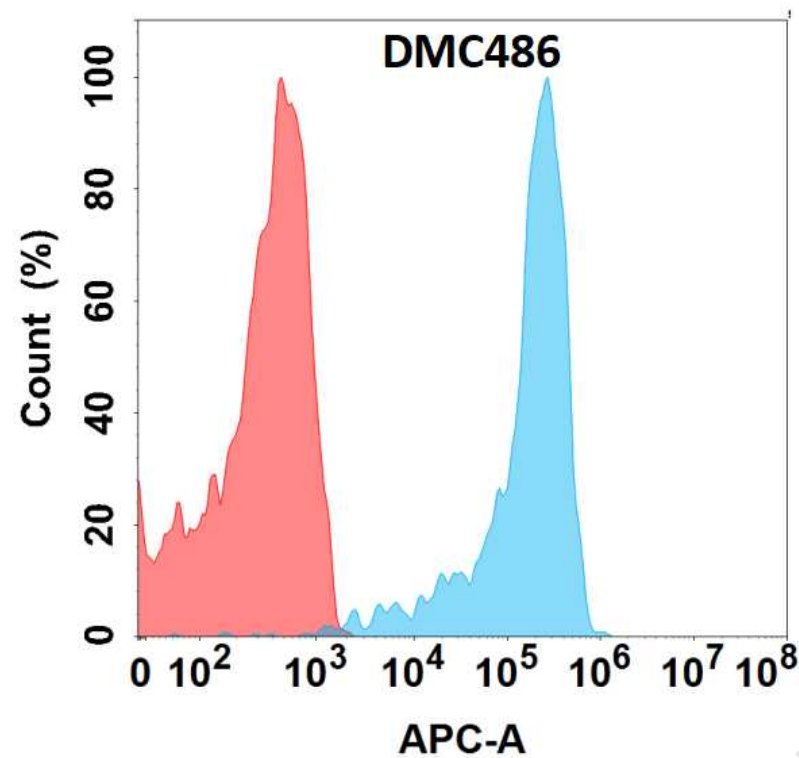


Figure 1. Flow cytometry analysis with Anti-CD23 (DMC486) on Expi293 cells transfected with human CD23 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

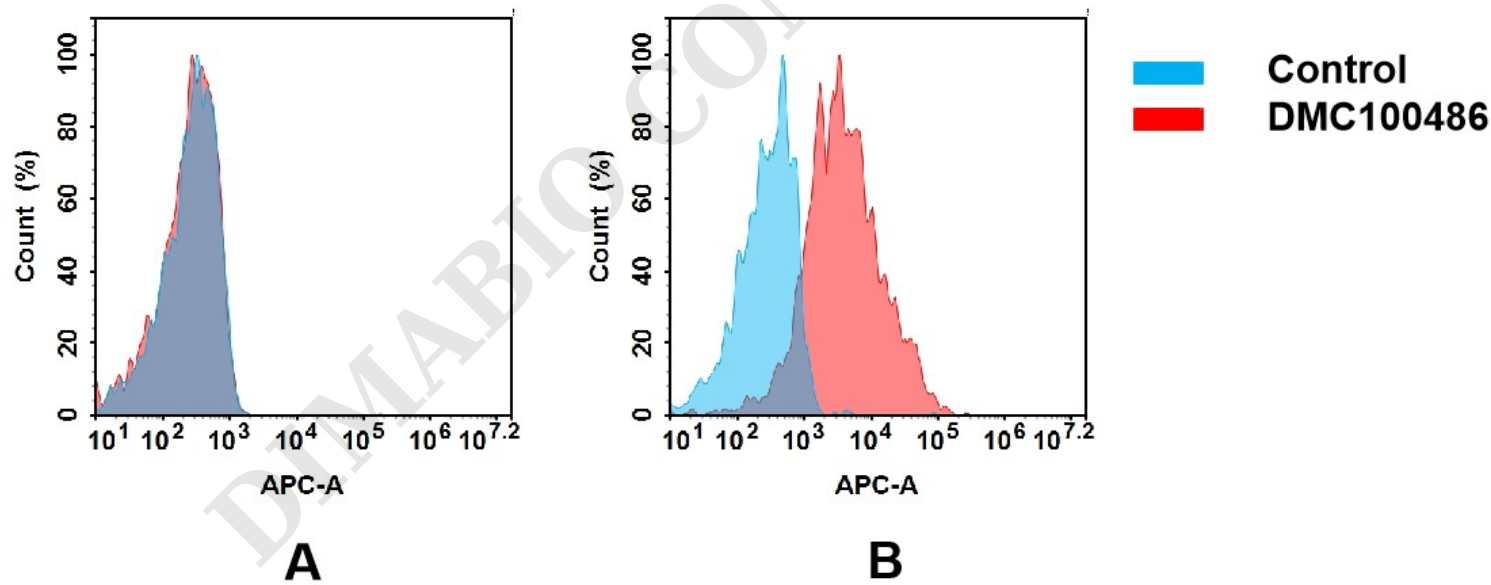


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD23 mAb(DMC100486).
(A) DMC100486 does not bind to jurkat cells that do not express CD23.
(B) A clear peak shift of DMC100486 was seen compared to the control when incubated with CD23-expressing Raji cells, indicating strong binding of DMC100486 to CD23. Antibodies were incubated at 5 µg/mL.

