

**PRODUCT INFORMATION**

<b>Clone ID</b>	DMC486
<b>Target</b>	CD23
<b>Synonyms</b>	BLAST-2; CD23; CD23A; CLEC4J; FCE2; IGEBF
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CDH23 antibody(DMC486); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P06734
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	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 scrutinizing all patent application to ensure no IP infringement.



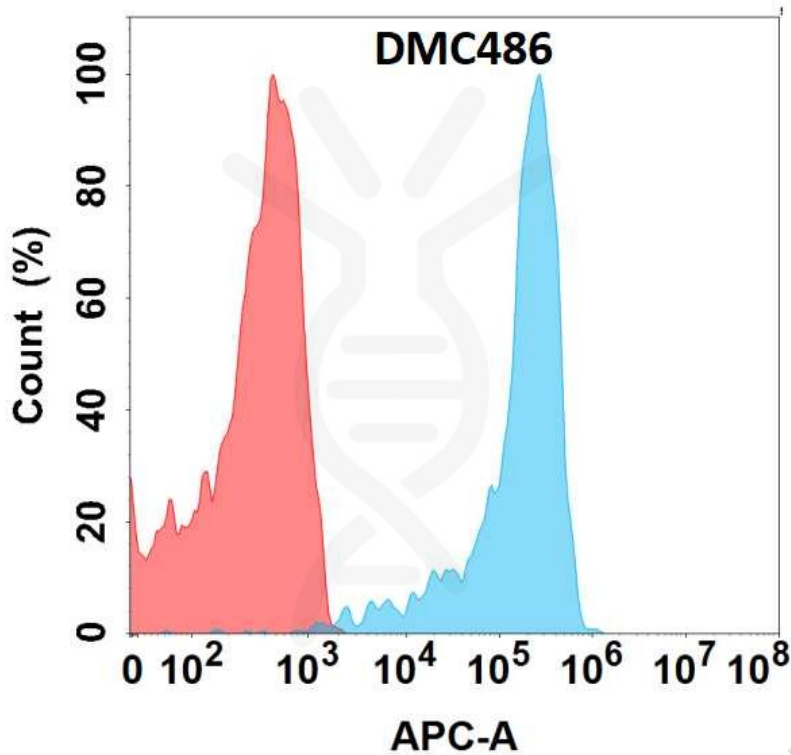


Figure 1. Flow cytometry analysis with Anti-CD23 (DMC486) on Expi293 cells transfected with human CD23 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

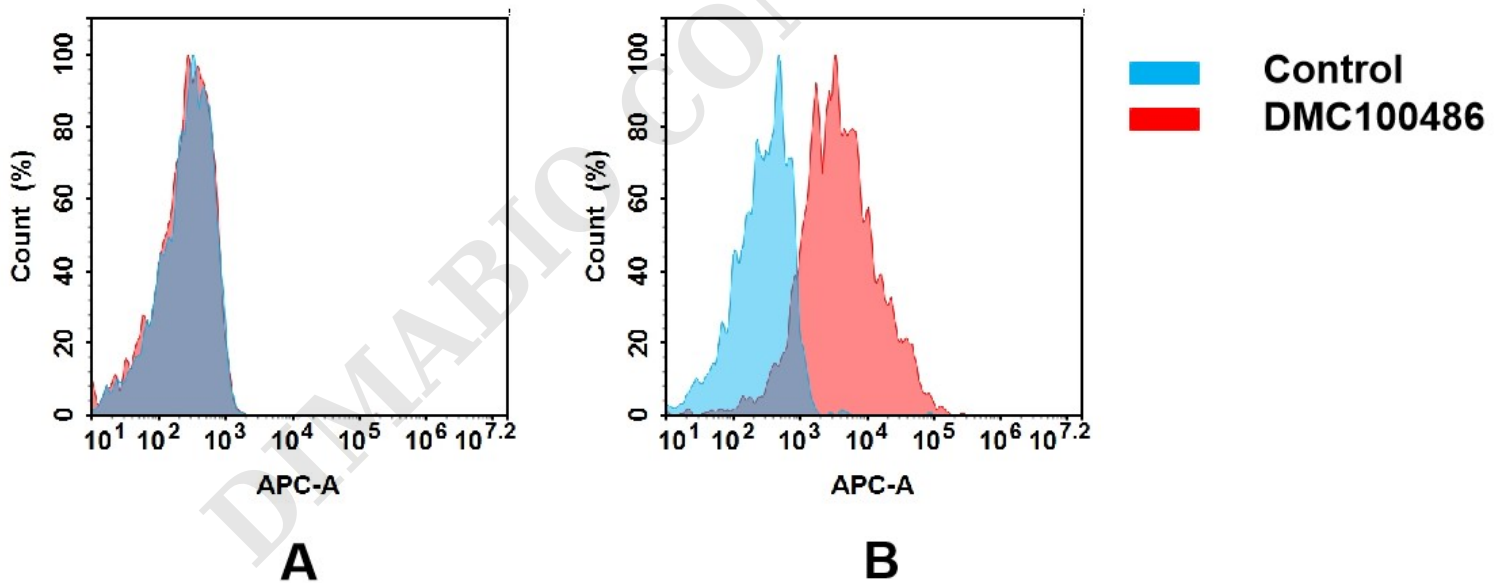


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD23 mAb(DMC100486).

(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  $\mu$ g/mL.

