

PRODUCT INFORMATION

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| Common Name | CSL-362-AML, CSL362, JNJ-56022473 |
| Synonyms | CD123;IL3R;IL3RA |
| Applications | ELISA; Flow Cyt |
| Recommended Dilutions | ELISA 1:5000-10000; Flow Cyt 1:100 |
| 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. |
| Host Species | Humanized |
| IgG type | IgG1 |
| Reactivity | Human |
| Target | CD123 |
| Uniprot ID | P26951 |
| Description | Anti-CD123 (talacotuzumab biosimilar) mAb |
| Delivery | In Stock |
| 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 | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. |
| Usage | Research use only |



Anti-CD123 (talacotuzumab biosimilar) mAb ELISA

0.2 μ g of Human CD123, hFc-his Tagged protein per well

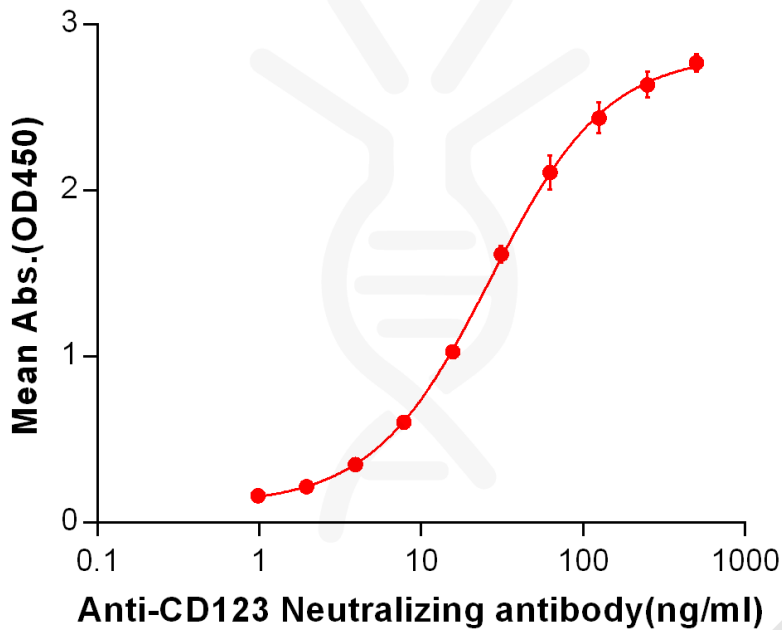


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ L/well) Human CD123, hFc-His tagged protein (PME100003) can bind Anti-CD123 Neutralizing antibody in a linear range of 0.98-26.70 ng/ml. In order to specifically detect BME100003, mouse anti-human Fab-specific antibody was used as detection antibody.

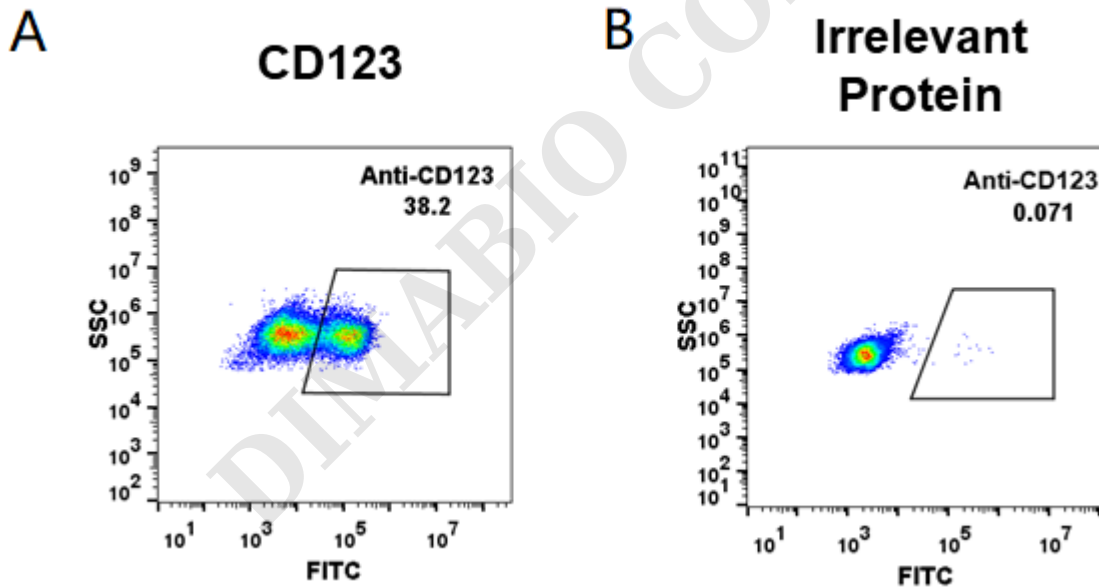
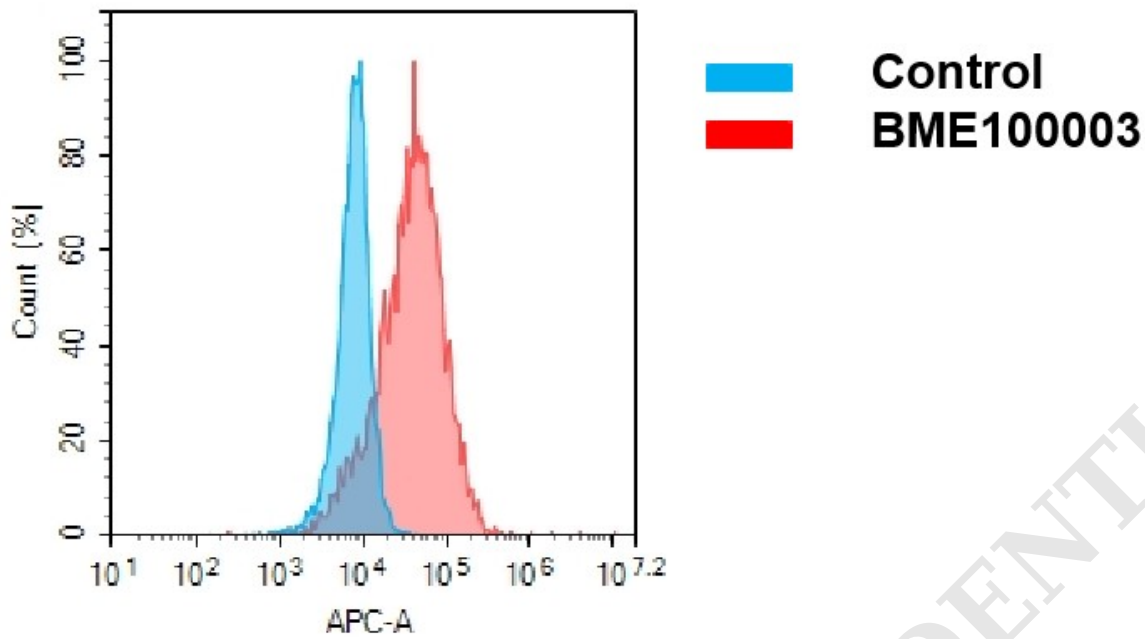


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human CD123 (A) were surface stained with anti-CD123 neutralizing antibody 1 μ g/ml (talacotuzumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.





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Figure 3. Flow cytometry analysis of antigen binding of anti-human CD123 mAb(BME100003).
(A) A clear peak shift of BME100003 was seen compared to the control when incubated with CD123-expressing 8226 cells, indicating strong binding of BME100003 to CD123. Antibodies were incubated at 2 μ g/mL.

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