

PRODUCT INFORMATION

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| Common Name | BM323 |
| Synonyms | CD3e, T3E |
| Applications | Flow Cyt |
| Recommended Dilutions | 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. |
| Host Species | Humanized |
| IgG type | IgG1 |
| Reactivity | Human |
| Target | CD3E |
| Uniprot ID | P07766 |
| Description | Anti-CD3E(DIMA BM323) 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 antibodies 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 |
| Conjugate | Unconjugated |



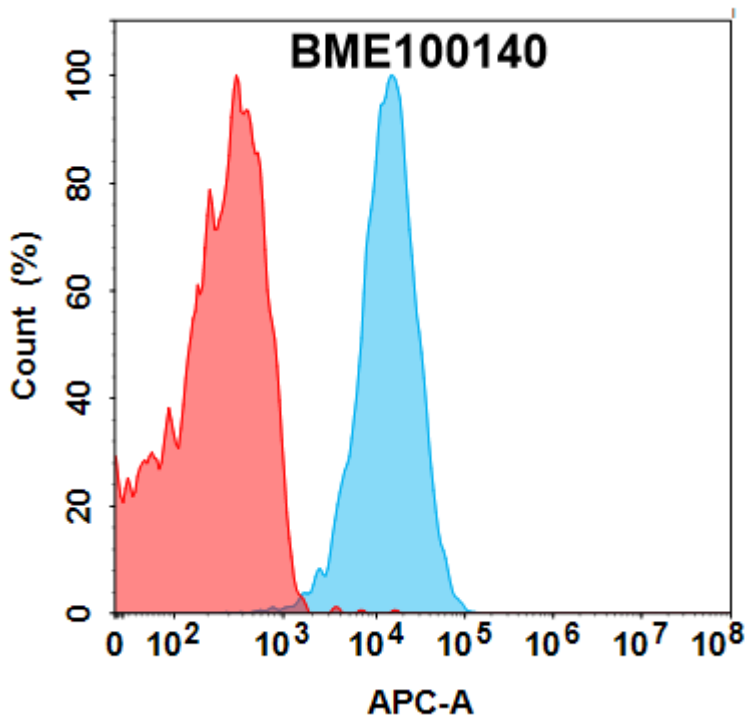


Figure 1. CD3E protein is highly expressed inside Jurkat cells. Flow cytometry analysis with 1 $\mu\text{g}/\text{mL}$ Anti-CD3E(DIMA BM323) mAb (BME100140) (Blue histogram) or isotype control mAb (Red histogram) on Jurkat cells.

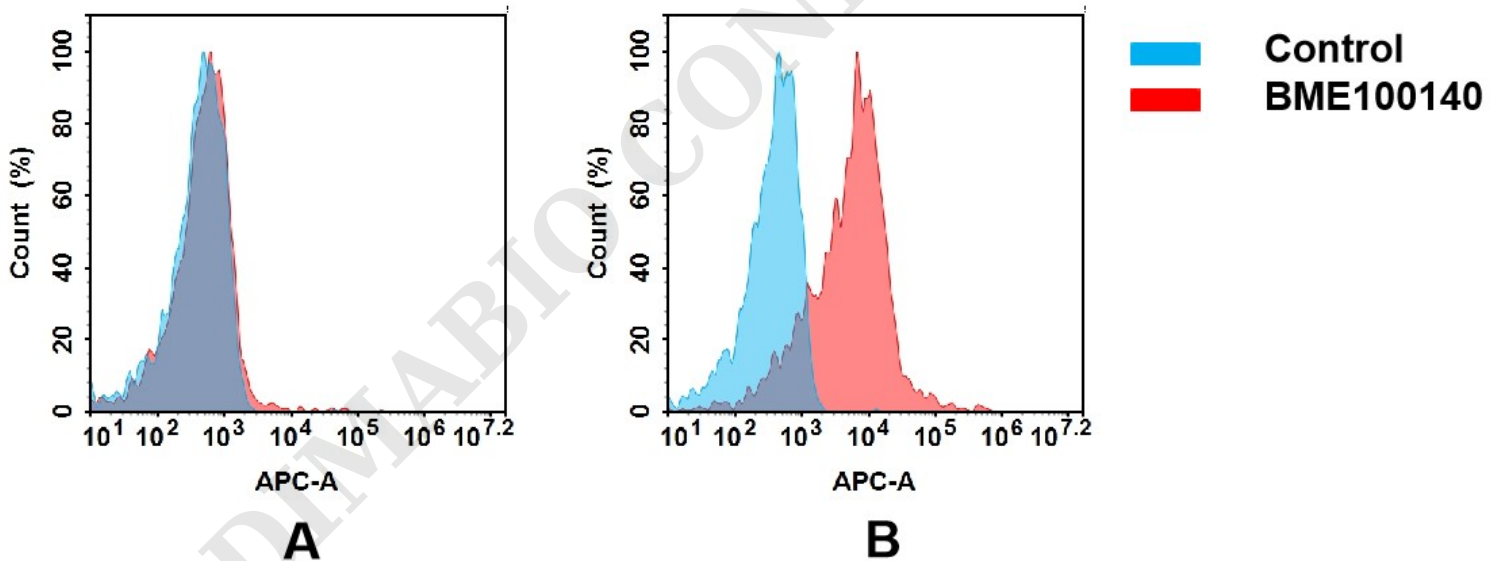


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD3E mAb(BME100140).

(A) BME100140 does not bind to 293T cells that do not express CD3E.

(B) A clear peak shift of BME100140 was seen compared to the control when incubated with CD3E-expressing Jurkat cells, indicating strong binding of BME100140 to CD3E. Antibodies were incubated at 5 $\mu\text{g}/\text{mL}$.

