

**PRODUCT INFORMATION**

<b>Common Name</b>	BM323
<b>Synonyms</b>	CD3e, T3E
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<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.
<b>Host Species</b>	Humanized
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	CD3E
<b>Uniprot ID</b>	P07766
<b>Description</b>	Anti-CD3E(DIMA BM323) mAb
<b>Delivery</b>	In Stock
<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 antibodies are shipped at ambient temperature.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<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.



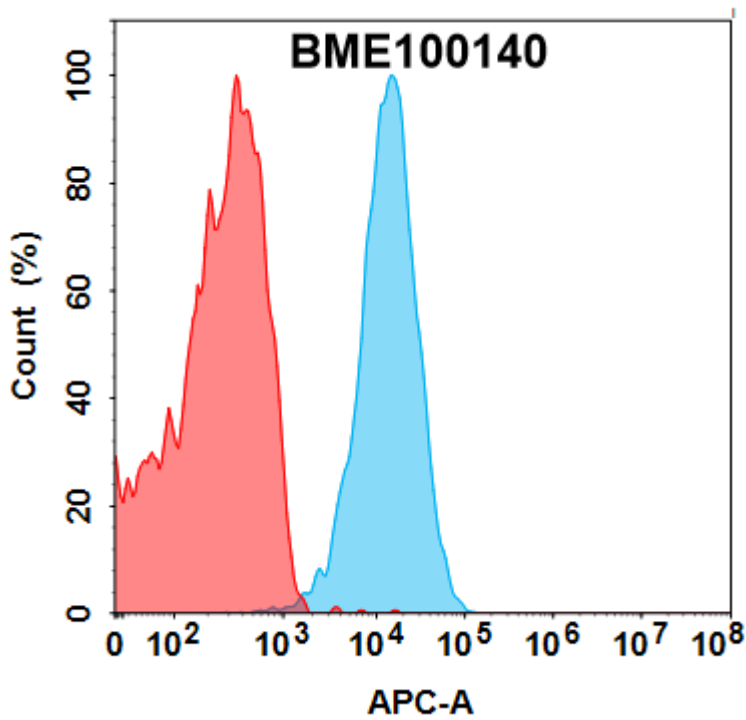


Figure 1. CD3E protein is highly expressed inside Jurkat cells. Flow cytometry analysis with 1  $\mu\text{g}/\text{mL}$  Anti-CD3E(DIMA BM323) mAb (BME100140) (Blue histogram) or isotype control mAb (Red histogram) on Jurkat cells.

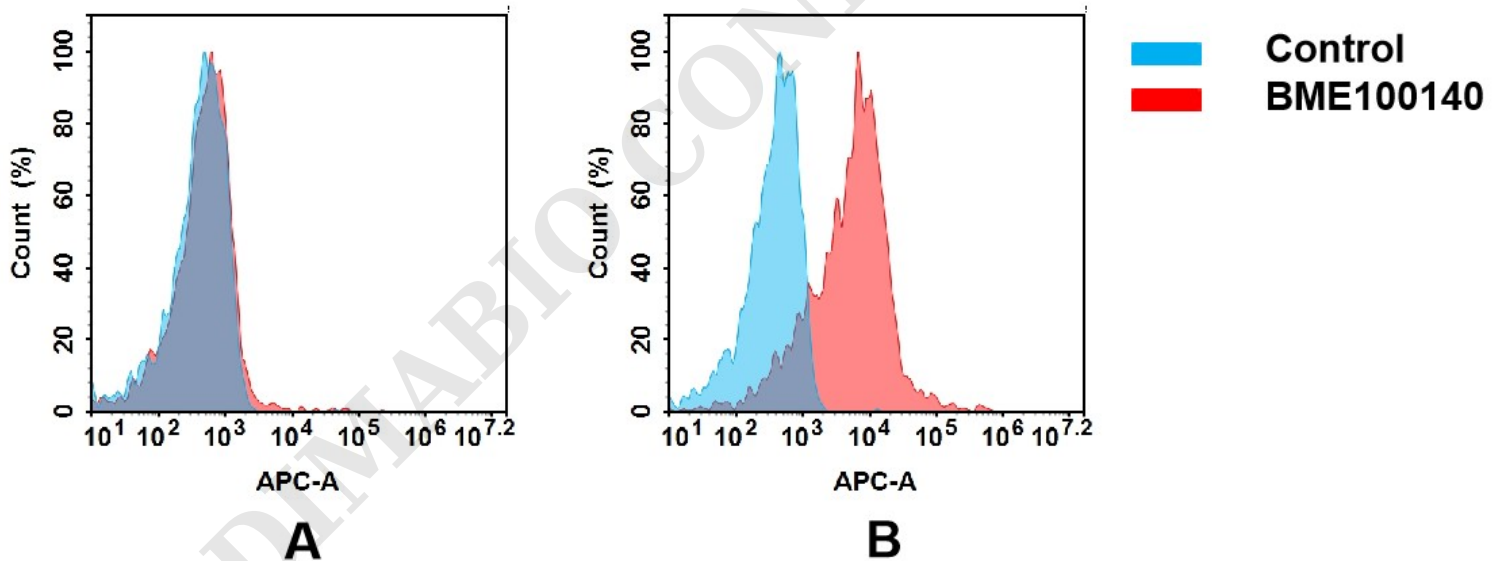


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD3E mAb(BME100140).

(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  $\mu\text{g}/\text{mL}$ .

