

**PRODUCT INFORMATION**

<b>Common Name</b>	BM323
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	CD3e, T3E
<b>Applications</b>	Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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>	Human IgG1 - kappa
<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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 $\mu$ m) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



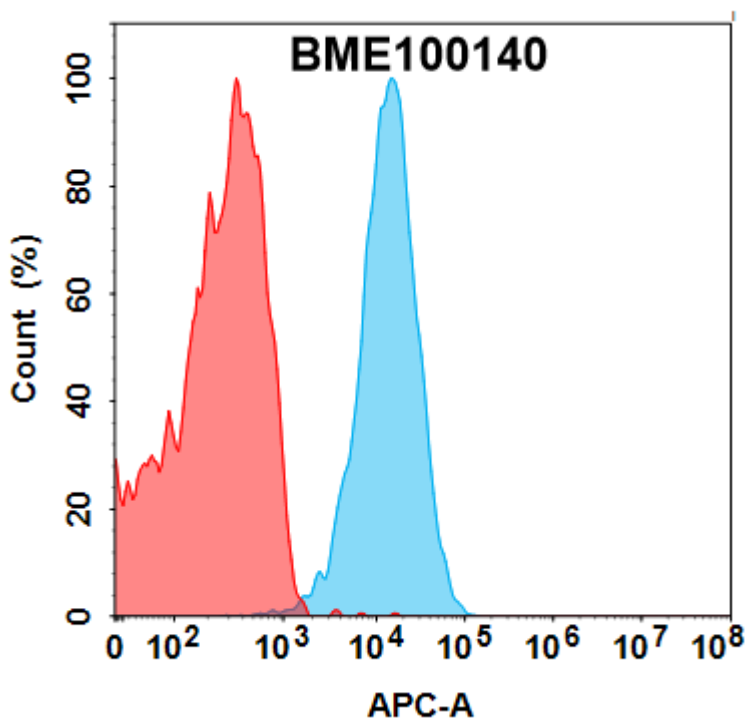


Figure 1. CD3E protein is highly expressed inside Jurkat cells. Flow cytometry analysis with 1  $\mu\text{g}/\text{mL}$  Anti-CD3E(DIMA BM323) mAb (BME100140) (Blue histogram) or isotype control mAb (Red histogram) on Jurkat cells.

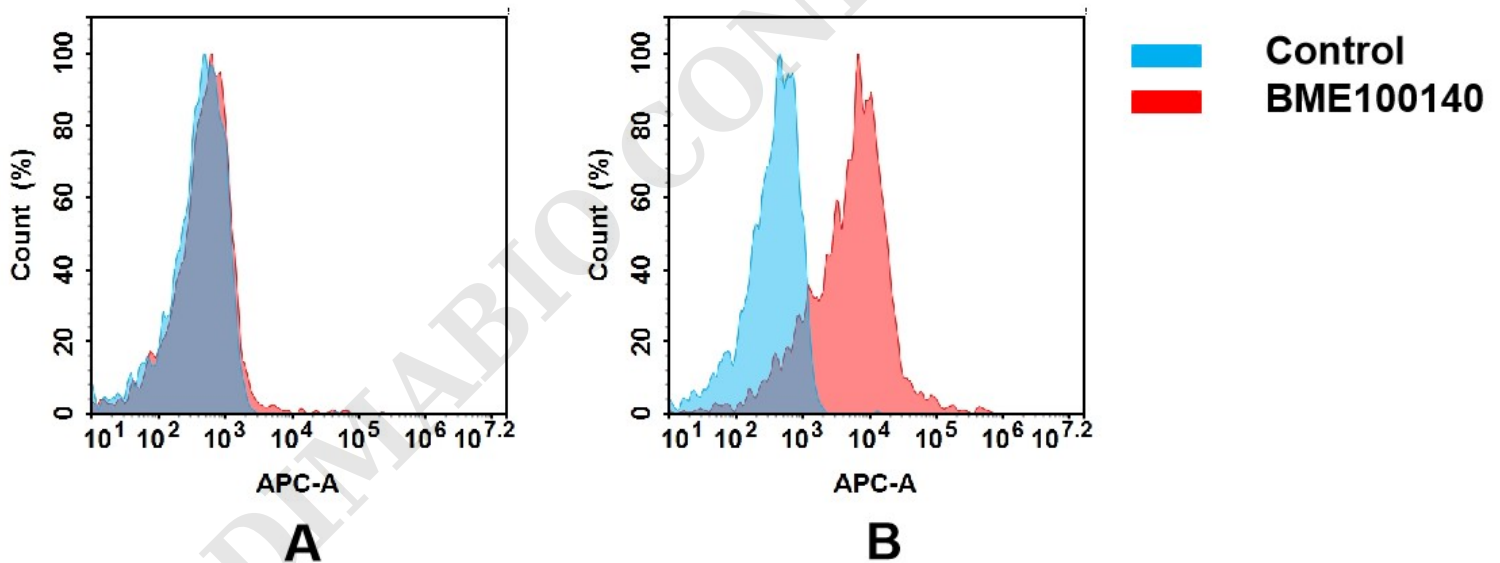


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD3E mAb(BME100140).

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

