PRODUCT INFORMATION

Common Name	BM323
Synonyms	CD3e, T3E
Conjugate	Unconjugated
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	Human IgG1 – kappa
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
DIMA Disclaimer	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.

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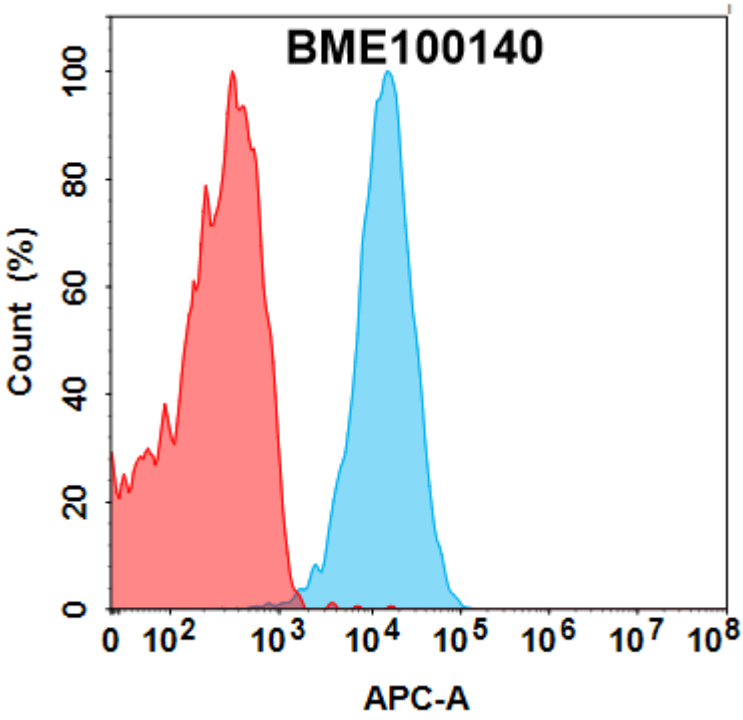

Figure 1. CD3E protein is highly expressed inside Jurkat cells. Flow cytometry analysis with 1 μg/mL Anti-CD3E(DIMA BM323) mAb (BME100140) (Blue histogram) or isotype control mAb (Red histogram) on Jurkat cells.

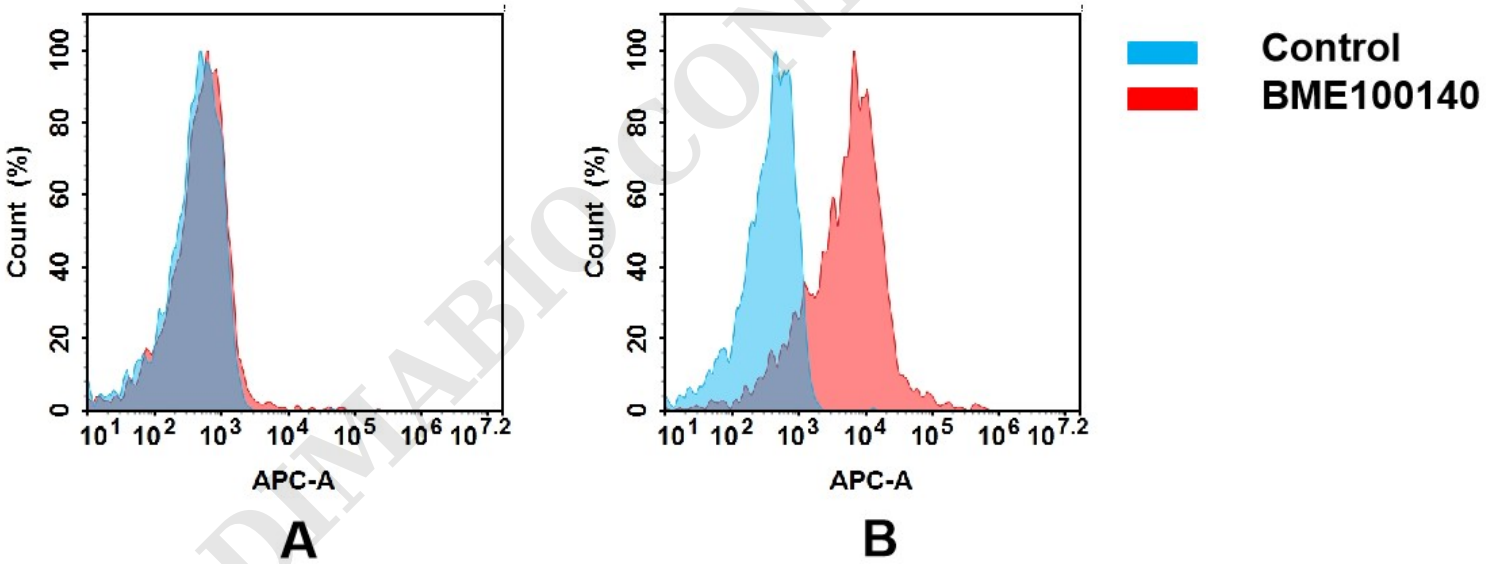

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD3E mAb(BME100140).
(A) BME100140 does not bind to 293T cells that do not express CD3E.
(B) A clear peak shift of BME100140 was seen compared to the control when incubated with CD3E-expressing Jurkat cells, indicating strong binding of BME100140 to CD3E. Antibodies were incubated at 5 μg/mL.

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