

PRODUCT INFORMATION

Common Name	ANTI-LY6E□DLYE-5953A□DLYE5953A□RG 7841
Conjugate	Unconjugated
Synonyms	RIGE; SCA2; RIG-E; SCA-2; TSA-1
Applications	ELISA, Flow Cyt
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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.
Host Species	Humanized
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	LY6E
Uniprot ID	Q16553
Description	Anti-LY6E(RG7841 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 antibodies are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-LY6E(RG7841 biosimilar) mAb ELISA

0.2 μ g of Human LY6E, hFc tagged protein per well

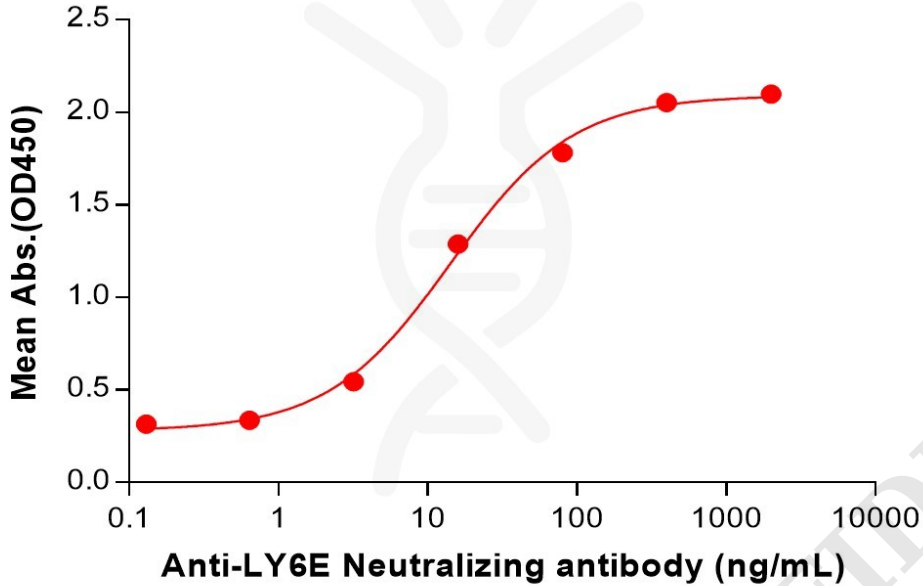


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human LY6E Protein, hFc Tag (PME101539) can bind Anti-LY6E(RG7841 biosimilar) mAb (BME100224) in a linear range of 3.20–80 ng/mL. In order to specifically detect BME100224, mouse anti-human Fab-specific antibody was used as detection antibody.

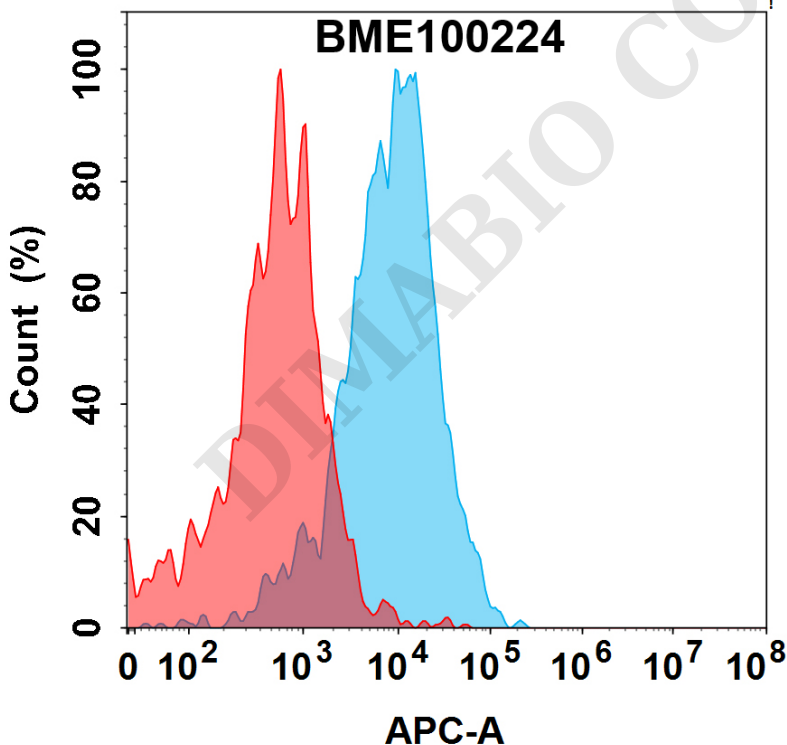


Figure 2. Flow cytometry analysis with 15 μ g/mL Anti-LY6E(RG7841 biosimilar) mAb (BME100224) on HEK293 cells transfected with Human LY6E protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

