

Humanized anti-Human LY6E Antibody | anti-LY6E antibody

Anti-LY6E (RG7841 biosimilar) mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129432	Humanized	Human	Flow Cytometry, Functional Assay, ELISA

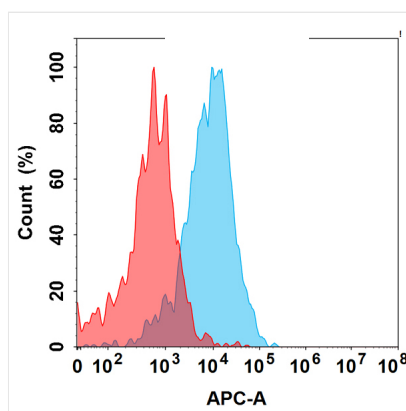
PRODUCT SYNONYMS

LY6E; Anti-LY6E (RG7841 biosimilar) mAb; RIGE; SCA2; RIG-E; SCA-2; TSA-1; ANTI-LY6E; DLYE-5953A; DLYE5953A; RG 7841; anti-LY6E antibody

PRODUCT SPECIFICATIONS

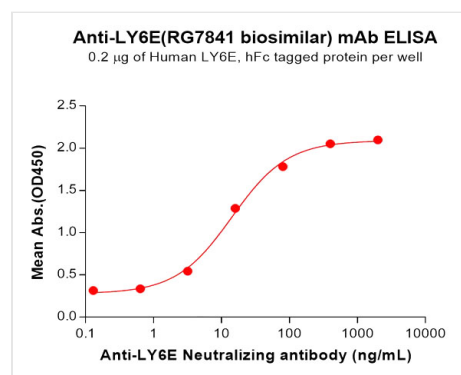
Host	Humanized
Reactivity	Human
Isotype	IgG1
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Applicable Applications for anti-LY6E antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Flow cytometry analysis with 15ug/mL Anti-LY6E(RG7841 biosimilar) mAb (AAA129432) on Expi293 cells transfected with Human LY6E protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human LY6E Protein, hFc Tag can bind Anti-LY6E(RG7841 biosimilar) mAb (AAA129432) in a linear range of 3.20–80 ng/mL. In order to specifically detect AAA129432, mouse anti-human Fab-specific antibody was used as detection antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LY6E antibody	Biosimilar reference antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187761331
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NCBI GeneID	4061
NCBI Accession #	NP_001120685.1
NCBI GenBank Nucleotide #	NM_001127213.1
UniProt Accession #	Q16553; Q0VDE5; B2R4X5; D3DWJ2
Molecular Weight	13,507 Da
NCBI Official Full Name	lymphocyte antigen 6E
NCBI Official Synonym Full Names	lymphocyte antigen 6 complex, locus E
NCBI Official Symbol	LY6E
NCBI Official Synonym Symbols	RIGE; SCA2; RIG-E; SCA-2; TSA-1
NCBI Protein Information	lymphocyte antigen 6E; ly-6E; stem cell antigen 2; thymic shared antigen 1; retinoic acid induced gene E; retinoic acid-induced gene E protein
UniProt Protein Name	Lymphocyte antigen 6E
UniProt Gene Name	LY6E
UniProt Synonym Gene Names	9804; RIGE; SCA2; TSA1; Ly-6E; RIG-E; SCA-2; TSA-1
UniProt Entry Name	LY6E_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-antibody/ly6e/129432>