LY6E Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LY6E, Polyclonal Antibody
Full Product Name	LY6E Antibody, Biotin conjugated
Product Gene Name	anti-LY6E antibody
Product Synonym Names	Lymphocyte antigen 6E; Ly-6E; Retinoic acid-induced gene E protein; RIG-E; Stem cell antigen 2; SCA-2; Thymic shared antigen 1; TSA-1; LY6E
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: LY6E (MBS1492688) Biotin Conjugated Antibody: LY6E (MBS1494136)
Molecular Weight	13,507 Da
OMIM	601384
3D Structure	ModBase 3D Structure for Q16553
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant human Lymphocyte antigen 6E protein(21-101AA)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23087
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LY6E antibody	ELISA (EIA)
Related Product Information for anti-LY6E antibody	MBS1494136 is an antibody targeting LY6E. Also known as LY6E Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-LY6E antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LY6E. It may not necessarily be applicable to this product.

NCBI GI #	187761331
NCBI GeneID	4061
NCBI Accession #	NP_001120685.1

UniProt Primary Accession #	Q16553
UniProt Secondary Accession #	Q0VDE5; B2R4X5; D3DWJ2
UniProt Related Accession #	Q16553
GenBank Nucleotide #	NM_001127213.1
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
UniProt Protein Name	Lymphocyte antigen 6E
UniProt Synonym Protein Names	Retinoic acid-induced gene E protein; RIG-E; Stem cell antigen 2; SCA-2; Thymic shared antigen 1; TSA-1
Protein Family	Lymphocyte antigen
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
NCBI Protein Information	lymphocyte antigen 6E
UniProt Comments for LY6E	LY6E: Induced by retinoic acid; in promyelocytic leukemia NB4 and in myeloblast HL-60 cell lines. Activated by IFN-alpha in monocytic cell line U-937 and in peripheral blood monocyte cells. Protein type: Membrane protein, GPI anchor Chromosomal Location of Human Ortholog: 8q24.3 Cellular Component: integral to plasma membrane Biological Process: adrenal gland development; cell surface receptor linked signal transduction; epinephrine secretion; in utero embryonic development; norepinephrine metabolic process; organ growth; ventricular cardiac muscle morphogenesis
Research Articles on LY6E	**1.** LY6E level of gene expression may serve as good biomarkers for systemic lupus erythematosus diagnosis.
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