

Anti-Dengue Virus Envelope Protein E, Humanized Antibody

02/21

CATALOG NO.: **A2293-50 (50 µg)**
 A2293-100 (100 µg)

BACKGROUND DESCRIPTION: The mosquito-borne Dengue viruses (serotype 1-4) cause dengue fever, a severe flu-like illness. The disease is prevalent in Third World tropical regions, and continues to spread to sub-tropical developed countries, as well the United States. The Dengue viral genome consists of a single-stranded RNA that encodes a single polyprotein. The Dengue genome polyprotein, upon translation, is then co- and post-translationally cleaved into 11 mature proteins, including the envelope protein E. Envelope protein E plays a role in virion budding as well as mediating fusion between viral and cellular membranes. This research-grade biosimilar is a humanized antibody that targets the Dengue envelope protein E.

ALTERNATE NAMES: Envelope Protein E; Dengue Genome Polyprotein

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Recombinant / IgG1

SOURCE: CHO cells

IMMUNOGEN: Envelope Protein E portion of Dengue genome polyprotein

FORM: Liquid

FORMULATION: In PBS, pH 7.5

SPECIES REACTIVITY: Dengue virus

STORAGE CONDITIONS: Store at -80 °C. Avoid repeated freeze-thaw cycles

This information is only intended as a guide. The optimal dilutions must be determined by the user

RELATED PRODUCTS:

Anti-Flavivirus Group Antigen, Human IgG1 Antibody (Cat. No. A1102)
 Dengue Virus IgM ELISA Kit (Cat. No. E4671)
 Anti-Flavivirus Group Antigen Antibody (Cat. No. A1146)
 Anti-SARS-CoV-2 RBD (Bamlanivimab), Humanized Antibody (Cat. No. A2292)
 Dengue Virus IgG ELISA Kit (Cat. No. E4670)
 Anti-CoV-2, MERS & SARS-CoV NP Mouse IgG1 Antibody (Cat. No. A2063)

FOR RESEARCH USE ONLY! Not to be used on humans.