

# Anti-Zika Virus Envelope Protein, Humanized Antibody

02/21

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**CATALOG NO.:**                    **A2294-50 (50 µg)**  
    **A2294-100 (100 µg)**

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**BACKGROUND DESCRIPTION:** The Zika virus is related to the dengue, yellow fever, Japanese encephalitis, and West Nile viruses. Zika is transmitted by Aedes mosquitos, and infection of pregnant women may cause abnormal brain development in their fetuses. The Zika genome encodes a single polyprotein, which is processed co- and post-translationally by host and viral proteases into individual proteins, including the structural envelope proteins. This research-grade biosimilar is a humanized antibody that targets the Zika envelope proteins.

**ALTERNATE NAMES:**                    Envelope Protein E; Small envelope protein M; Capsid protein C; Zika genome polyprotein

**ANTIBODY TYPE:**                    Monoclonal

**SOURCE:**                    CHO cells

**IMMUNOGEN:**                    Envelope protein portion of Zika genome polyprotein

**FORM:**                    Liquid

**FORMULATION:**                    In PBS, pH 7.5

**SPECIES REACTIVITY:**                    Zika 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-SARS-CoV-2 RBD (Bamlanivimab), Humanized Antibody (Cat. No. A2292)  
 Anti-CoV-2, MERS & SARS-CoV NP Mouse IgG1 Antibody (Cat. No. A2063)  
 Anti-Flavivirus Group Antigen, Human IgG1 Antibody (Cat. No. A1102)  
 Recombinant Zika virus NS1 Protein (Cat. No. P1064)  
 Anti-Flavivirus Group Antigen Antibody (Cat. No. A1146)  
 Human CellExp™ Zika virus NS1 Protein (Cat. No. P1062)  
 Recombinant Zika Envelope Protein (Cat. No. P1063)

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