

Anti-NS1 of Dengue Virus, Humanized Antibody

02/21

CATALOG NO.:	A2297-50	(50 µg)
	A2297-100	(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 non-structural protein NS1. Dengue NS1 has been implicated in the viral immune evasion ability by antagonizing complement function as well as inhibiting Toll-like receptor 3 signal transduction. This research-grade biosimilar is a humanized antibody that targets the Dengue NS1 protein.

ALTERNATE NAMES:	Non-structural protein 1
ANTIBODY TYPE:	Monoclonal
HOST/ISOTYPE:	Recombinant / IgG1
SOURCE:	CHO cells
IMMUNOGEN:	NS1 protein portion of Dengue virus 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:

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

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