Product Name: CHIKV Spike glycoprotein E2 Mouse Monoclonal Antibody
Catalog #: AMM60088

Summary

Production Name	CHIKV Spike glycoprotein E2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal antibody
Host	Mouse
Application	ELISA
Reactivity	Chikungunya virus (strain S27-African prototype) (CHIKV), Chikungunya virus (strain Nagpur) (CHIKV), Chikungunya virus (strain 38000) (CHIKV)

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	0.01M PBS, pH 7.4.
Purification	Affinity Purified

Immunogen

Gene Name	E2
Alternative Names	Structural polyprotein, Envelope glycoprotein E2, Spike glycoprotein E2
SwissProt ID	Q8JUX5.

Application

Dilution Ratio	ELISA 1:1000-2000

Background

Chikungunya virus (CHIKV) is an arthropod-borne alphavirus that causes Chikungunya fever, a re-emerging disease

characterized by high fever, rash, and arthralgia. The E2 envelope glycoprotein is a structural protein that forms heterodimers with the E2 glyprotein and is displayed on the viral surface as part of trimeric spike complexes. E2 is primarily responsible for receptor binding and host cell attachment, playing a key role in viral entry.

Note

For research use only.