

**Product Name: CHIKV p130/Structural polyprotein
Recombinant Antibody (9.8B)
Catalog #: AMRe60066**

Summary

Production Name	CHIKV p130/Structural polyprotein Recombinant Antibody (9.8B)
Description	Recombinant Monoclonal antibody
Host	Mammalian cells
Application	Neutralization
Reactivity	Chikungunya virus (strain S27-African prototype) (CHIKV), Chikungunya virus (strain Nagpur) (CHIKV), Chikungunya virus (strain 37997) (CHIKV)

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	human IgG1, kappa
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	p130
Alternative Names	p130, Structural polyprotein
SwissProt ID	Q8JUX5, Q5XXP3, Q5WQY5.

Application

Dilution Ratio	The dilution ratio of the neutralizing antibody should be adjusted according to the specific experimental requirements.
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Background

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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 E1 glycoprotein 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.