

**Product Name: CHIKV p130/Structural polyprotein
Recombinant Antibody (DC2.112)
Catalog #: AMRe60075**

Summary

Production Name	CHIKV p130/Structural polyprotein Recombinant Antibody (DC2.112)
Description	Recombinant Monoclonal antibody
Host	Mammalian cells
Application	ELISA, FC, IP
Reactivity	Chikungunya virus (strain S27-African prototype) (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.

Application

Dilution Ratio	ELISA 1:1000-2000 FC 1:50-100 IP 1:20
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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 glycoprotein and is displayed on the viral surface as part of trimeric spike complexes. E2 is primarily

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responsible for receptor binding and host cell attachment, playing a key role in viral entry.

Note

For research use only.