**Product Name: CHIKV p130/Structural polyprotein Recombinant Antibody (DC1.56)**
**Catalog #: AMRe60072**

## Summary

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|---|---|
| **Production Name** | CHIKV p130/Structural polyprotein Recombinant Antibody (DC1.56) |
| **Description** | Recombinant Monoclonal antibody |
| **Host** | Mammalian cells |
| **Application** | ELISA, FC, IP |
| **Reactivity** | Chikungunya virus (strain S27-African prototype) (CHIKV) |

## Performance

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|---|---|
| **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

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|---|---|
| **Gene Name** | p130 |
| **Alternative Names** | p130, Structural polyprotein |
| **SwissProt ID** | Q8JUX5. |

## Application

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|---|---|
| **Dilution Ratio** | ELISA 1:1000-2000 FC 1:50-100 IP 1:20 |

## 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.