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| Product name: | CHIKV p130/Structural polyprotein Recombinant Antibody (DC1.415) |
| Cat number: | AMRe60070 |
| Conjugate: | Unconjugated |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mammalian cells |
| Isotype: | human IgG1, kappa |
| Reactivity: | Chikungunya virus (strain S27-African prototype) (CHIKV) |
| Applications: | FC 1:50-100 |
| Purification: | Affinity Purified |
| Form: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

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 E5 glyl inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014], res [E060000000](#)