

<b>Product name:</b>	CHIKV Spike glycoprotein E2 Recombinant Antibody (4J21)
<b>Cat number:</b>	AMRe60081
<b>Conjugate:</b>	Unconjugated
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mammalian cells
<b>Isotype:</b>	human IgG1, kappa
<b>Reactivity:</b>	Chikungunya virus (strain S27-African prototype) (CHIKV)
<b>Applications:</b>	ELISA 1:1000-2000
<b>Purification:</b>	Affinity Purified
<b>Form:</b>	Liquid
<b>Buffer:</b>	0.01M PBS, pH 7.4.
<b>Storage:</b>	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 16 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 [E06881](#)