

## Antibody Datasheet

**Name:** Mouse Anti-Chikungunya Virus E2 Protein (16A12)

**Product Code:** MAB12129-200 / MAB12129-1000

**Batch #:**

**Date of Manufacture:**

**Product Description:** Mouse monoclonal antibody specific for Chikungunya virus E2 protein (clone 16A12)

**Clone Number:** 16A12

**Isotype:** IgG1

**Amount:** 0.2 mg / 1.0 mg

**Concentration:** 1.0 mg/ml

**Purity:** >95%

**Presentation:** Liquid

**Buffer:** PBS pH7.4

**Preservative:** None present

**Immunogen:** Inactivated native Chikungunya virus, strain 181/25

**Purification:** Antibody was purified by affinity chromatography on Protein A (pI 6.0-6.5)

**Specificity:** This antibody is specific for the E2 protein of Chikungunya virus. It demonstrates negligible cross-reactivity with other members of the alphavirus family, including Western Eastern and Venezuelan Encephalitis viruses. There is no cross-reactivity to Zika, Dengue or other flavivirus antigens. The antibody has been reported to neutralise Chikungunya virus in PRNT assays.

**Applications:** ELISA, Immunofluorescence, Neutralisation

### Usage Guidelines

**Short Term Storage:** Up to three months at +4°C

**Long Term Storage:** -20°C

**Storage Guidelines:** Avoid repeated freeze/thaw cycles. The antibody is shipped at ambient temperature.



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**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**