



Product Data Sheet

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Cat # AB-14310    Mouse Monoclonal Anti-Dengue Type 2 (envelop) IgG    **Size:** 100 ug

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**Type:**

**Introduction:**

Dengue infection is caused by one of four closely related virusserotypesof the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholinoantisense oligos have shown specific activity against Dengue virus.

**Source of antibodies**

Dengue-infected cell lysate was used as antigen to generate Mouse Monoclonal anti-dengue IgG1(clone 14310). Antibody was purified by ion exchange column chromatography. It is supplied in PBS, pH 7.4, at 1 mg/ml or in powder form. Reconstitute powder in water at 1 mg/ml. Sodium azide (0.1%) or merthiolate (0.05%) can be added as bacteriostatic agent. In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Stability is two years lyophilized, one month in solution at 4°C

**Antibody Titer and specificity:**

By intracellular staining of Dengue-infected cells, 1:1000 dilution. Minimal cross-reactivity with other Dengue subtypes

**Recommended Secondary Antibodies**

Goat Anti-mouse IgG-HRP conjugate **Cat # 40320 (AP, biotin, FITC conjugates also available)**

**Negative control**

Cat # 20008-1, Mouse (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as –ve control

**Usage:**

This item is for LABORATORY ESEARCH USE ONLY.

AB-14310

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