



Mouse Anti-DENV Type 2 Monoclonal Antibody, clone 4I6 (CABT-CS706)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|--------------------|-----------------------------------------------------------------------------------------|
| Specificity | Reacts with the Dengue type 2 virus. |
| Target | DENV type 2 |
| Immunogen | Dengue type 2 antigen (New Guinea C) |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | DENV |
| Clone | 4I6 |
| Purification | Protein G Purified |
| Conjugate | unconjugated |
| Applications | IF, HI |
| Format | Liquid |
| Size | 100 µg |
| Buffer | 0.02 M PB, 0.25 M NaCl, pH 7.6 with 0.1% sodium azide |
| Preservative | 0.1% sodium azide |
| Storage | Maintain at 2°C to 8°C in undiluted aliquots for up to 12 months after date of receipt. |

BACKGROUND

Introduction

Dengue fever is an acute, mosquito-transmitted viral disease characterized by fever, headache, arthralgia (severe retro-orbital pain), myalgia, rash, nausea, and vomiting. Infections are caused by any of the four closely related, but antigenically distinct virus serotypes (DEN-1, DEN-2, DEN-3, and DEN-4). Infection with one of these serotypes does not provide cross-protective immunity, so persons living in a dengue-endemic area can have four dengue infections during their lifetimes.

Keywords

Dengue; DENV; DENV 2; DENG type 2
