



Mouse Anti-DENV Type 1 Monoclonal Antibody, clone 2FG4 (CABT-CS705)

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

PRODUCT INFORMATION

Specificity	Reacts with the Dengue type 1 virus. May show reactivity with Dengue type 2 virus.
Target	DENV type 1
Immunogen	Dengue type 1 (Hawaiian) virus antigen
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	DENV
Clone	2FG4
Conjugate	unconjugated
Applications	IF
Format	Liquid
Size	100 µg
Buffer	0.02M Phosphate Buffer, pH 7.6, 0.25M NaCl and 0.1% sodium azide
Preservative	0.1% sodium azide
Storage	Maintain at 2-8°C.

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 1; DENG type 1
