



# 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

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

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**Keywords** Dengue; DENV; DENV 1; DENG type 1

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