



# Magic™ Anti-Dengue Virus NS1 subtypes 1 monoclonal antibody, clone W9G2 (CABT-B8568)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Antibody specifically detects NS1 Dengue virus subtype 1.
<b>Immunogen</b>	Purified Native Dengue NS1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Dengue virus
<b>Clone</b>	W9G2
<b>Purification</b>	Protein G Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	LFIA, ELISA, WB
<b>Size</b>	1 mg
<b>Buffer</b>	Single homogenous batch, supplied liquid in a PBS buffer, pH7.2 containing 0.1% sodium azide.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	2-8°C (up to 1 month) below -15°C (long term). Avoid repeat freeze thaw cycles

## BACKGROUND

## Introduction

Dengue (DF) and dengue hemorrhagic fever (DHF) are caused by one of four closely related, but antigenically distinct, virus serotypes (DEN-1, DEN-2, DEN-3, and DEN-4), of the genus *Flavivirus*. Infection with one of these serotypes provides immunity to only that serotype for life, so persons living in a dengue-endemic area can have more than one dengue infection during their lifetime. DF and DHF are primarily diseases of tropical and sub tropical areas, and the four different dengue serotypes are maintained in a cycle that involves humans and the *Aedes* mosquito.

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