



Magic™ Anti-Dengue Virus NS1 subtype 4 monoclonal antibody, clone N3C4 (CABT-B8575)

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

PRODUCT INFORMATION

Specificity	Antibody specifically detects NS1 of Dengue virus (Subtype 4).
Immunogen	Purified Dengue (subtype 4) virus antigen.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Dengue virus
Clone	N3C4
Purification	Protein G Purified
Conjugate	Unconjugated
Applications	ELISA, LFIA(det), WB
Size	1 mg
Buffer	Single homogenous batch, supplied liquid in a PBS buffer, pH7.2 containing 0.1% sodium azide.
Preservative	0.1% Sodium Azide
Storage	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.
