



Magic™ Anti-DENV Nonstructural Protein 1 Monoclonal antibody, Clone N23325 (DCABY-4408)

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

PRODUCT INFORMATION

Specificity	Antibody specifically detects NS1, Dengue viral antigen from Dengue Subtype 2
Target	DENV Nonstructural Protein 1
Immunogen	Dengue NS1 antibody was raised in Mouse using native Dengue NS1 virus as the immunogen
Isotype	IgG
Source/Host	Mouse
Species Reactivity	DENV
Clone	N23325
Purification	Dengue NS1 antibody was purified by Protein G chromatography
Conjugate	Unconjugated
Applications	Lateral Flow Pr* Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4407 - DCABY-4408
Format	Liquid
Size	500 µg
Buffer	Supplied in liquid form in a 0.1M PBS buffer, pH7.2 containing 0.09% sodium azide
Preservative	0.09% Sodium Azide

Storage

Store at 2-8 °C for short term storage. Aliquot and store at -15 °C for long term storage.

BACKGROUND

Introduction

Dengue and dengue hemorrhagic fever 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. Dengue fever and Dengue hemorrhagic fever are primarily diseases of tropical and sub tropical areas, maintained in a cycle that involves humans and the *Aedes* mosquito.

Keywords

Dengue NS1; Dengue; Dengue virus NS1; Dengue NS 1; NS1;
