



Magic™ Anti-DENV Nonstructural Protein 1 Monoclonal antibody, Clone C2538N (DCAB- TJ093)

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

PRODUCT INFORMATION

Specificity	Specific for the NS1 protein of all 4 serotypes of Dengue Virus.
Target	DENV Nonstructural Protein 1
Immunogen	Recombinant Dengue Virus NS1 (mixture of serotypes 1, 2, 3 & 4).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	DENV
Clone	C2538N
Purification	> 90% pure. Protein A Chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, Lateral Flow and IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recomm Suggested pair for testing (Capture - Detection): DCAB-TJ093 - DCAB-TJ090
Procedure	Matched Antibody Pairs
Format	Purified, Liquid
Concentration	100 µg/mL (OD280 nm, E0.1% = 1.3)
Size	100 µg
Buffer	0.01 M PBS, pH 7.2 This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Warnings

Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

BACKGROUND

Introduction

The dengue virus (DENV) in one of five serotypes is the cause of dengue fever. It is a mosquito-borne single positive-stranded RNA virus of the family Flaviviridae; genus Flavivirus. All five serotypes can cause the full spectrum of disease.

Keywords

DENV NS1; Dengue Virus NS1; Dengue Virus; DENV
