



Magic™ Mouse Anti-DENV pan NS1

Monoclonal antibody, clone UQP95 (CABT-RM201)

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

PRODUCT INFORMATION

Specificity	NS1 protein of all 4 serotypes
Target	DENV pan NS1
Immunogen	Native Dengue Antigen
Source/Host	Mouse
Species Reactivity	DENV
Clone	UQP95
Purification	>90%
Conjugate	unconjugated
Applications	ELISA (det), LFIA
Format	Liquid
Size	1 mg
Buffer	10 mM Phosphate Buffered Saline, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Short Term ($\leq$ 2 weeks): 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

Dengue virus (DENV) in one of four serotypes is the cause of dengue fever. It is a mosquito-borne single positive-stranded RNA virus of the family Flaviviridae; genus Flavivirus. All four serotypes can cause the full spectrum of disease. Its genome is about 11000 bases that codes for three structural proteins, capsid protein C, membrane protein M, envelope protein E; seven nonstructural proteins, NS1, NS2a, NS2b, NS3, NS4a, NS4b, NS5; and short non-coding regions on both the 5 and 3 ends. Further classification of each serotype into genotypes often relates to the region where particular strains are commonly found or were first found.

Keywords

Dengue virus non-structural 1 protein; Dengue virus Nonstructural Protein 1; DENV-NS1; DENV; Dengue virus; DENV NS1; NS1
