



# Magic<sup>™</sup> 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

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 (≤ 2 weeks): 2-8°C, Long Term: -20°C, Avoid repeated freezing and	Specificity	NS1 protein of all 4 serotypes
Source/HostMouseSpecies ReactivityDENVCloneUQP95Purification>90%ConjugateunconjugatedApplicationsELISA (det), LFIAFormatLiquidSize1 mgBuffer10 mM Phosphate Buffered Saline, pH 7.4Preservative0.1% Sodium Azide	Target	DENV pan NS1
Species ReactivityDENVCloneUQP95Purification>90%ConjugateunconjugatedApplicationsELISA (det), LFIAFormatLiquidSize1 mgBuffer10 mM Phosphate Buffered Saline, pH 7.4Preservative0.1% Sodium Azide	Immunogen	Native Dengue Antigen
CloneUQP95Purification>90%ConjugateunconjugatedApplicationsELISA (det), LFIAFormatLiquidSize1 mgBuffer10 mM Phosphate Buffered Saline, pH 7.4Preservative0.1% Sodium Azide	Source/Host	Mouse
Purification>90%ConjugateunconjugatedApplicationsELISA (det), LFIAFormatLiquidSize1 mgBuffer10 mM Phosphate Buffered Saline, pH 7.4Preservative0.1% Sodium Azide	Species Reactivity	DENV
ConjugateunconjugatedApplicationsELISA (det), LFIAFormatLiquidSize1 mgBuffer10 mM Phosphate Buffered Saline, pH 7.4Preservative0.1% Sodium Azide	Clone	UQP95
Applications ELISA (det), LFIA  Format Liquid  Size 1 mg  Buffer 10 mM Phosphate Buffered Saline, pH 7.4  Preservative 0.1% Sodium Azide	Purification	>90%
Format Liquid Size 1 mg  Buffer 10 mM Phosphate Buffered Saline, pH 7.4  Preservative 0.1% Sodium Azide	Conjugate	unconjugated
Size 1 mg  Buffer 10 mM Phosphate Buffered Saline, pH 7.4  Preservative 0.1% Sodium Azide	Applications	ELISA (det), LFIA
Buffer 10 mM Phosphate Buffered Saline, pH 7.4  Preservative 0.1% Sodium Azide	Format	Liquid
Preservative 0.1% Sodium Azide	Size	1 mg
	Buffer	10 mM Phosphate Buffered Saline, pH 7.4
Storage Short Term (≤ 2 weeks): 2-8°C. Long Term: -20°C. Avoid repeated freezing and	Preservative	0.1% Sodium Azide
thawing.	Storage	Short Term ( $\leq$ 2 weeks): 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

Email: info@creative-diagnostics.com

Tel: 1-631-624-4882 Fax: 1-631-938-8221

## **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;DNEV-NS1; DNEV; Dengue virus; DNEV NS1; NS1