



Magic™ Mouse Anti-DENV pan NS1

Monoclonal antibody, clone 58RE6 (CABT-RM203)

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
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	DENV
Clone	58RE6
Purification	>90%
Conjugate	unconjugated
Applications	ELISA (det), LFIA
Format	Liquid
Size	1 mg
Buffer	0.015M Potassium Phosphate, pH 7.2 with 0.85% Sodium Chloride
Preservative	0.05% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Cold Packs

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