



# Magic™ Mouse Anti-DENV (type 1-3) NS1 Monoclonal antibody, clone DE11 (DMAB- CS23123)

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

## PRODUCT INFORMATION

Specificity	Reactive with the NS1 protein of serotypes 1-3 of Dengue virus
Target	DENV NS1
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	DENV
Clone	DE11
Conjugate	unconjugated
Applications	ELISA (Det), LFIA, IF
Format	Liquid
Size	1 ml
Buffer	0.01M PBS, pH 7.2 with 0.1% sodium azide
Preservative	0.1% sodium azide
Storage	Be stored at 2-8°C until use

## BACKGROUND

**Introduction**

DENV has a single stranded RNA genome of positive polarity, encoding for a polyprotein that is co- and post-translationally processed into three structural proteins (capsid, prM, and envelope) and seven nonstructural proteins (NS1-NS2A-NS2B-NS3-NS4A-NS4B-NS5). Non-structural protein 1 (NS1) is one of the most enigmatic proteins of the Dengue virus (DENV), playing distinct functions in immune evasion, pathogenesis and viral replication.

**Keywords**

Dengue virus; DENV; Dengue virus nonstructural protein 1; DENV NS1