

Mouse Anti Dengue Virus Type 2 Monoclonal Antibody

DMABT-51214MD Mouse(DENV)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti Dengue VirusType2
Immunogen	Dengue infected cell lysate
Host	Mouse
Isotype	IgG1
Species	Viral
Clone	OZSEfoh3
Conjugation	N/A
Applications	ELISA, WB
Reconstitution	Reconstitute with 0.5ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Creative-diagnostics recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.

PACKAGING

Format	Purified IgG - lyophilised
Protein Concentration	IgG concentration 1.0mg/ml after reconstitution.
Buffer	Phosphate buffered saline
Storage	Prior to reconstitution store at +4 °C.After reconstitution store at -20 °C.Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Preservative	None present
Shelf Life	12 months from date of reconstitution.

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 1+2+3+4; Dengue Virus Type 1,2,3,4; Group IV; Flaviviridae; Flavivirus; Dengue virus; Dengue Virus