Certificate of Analysis and Data Sheet

Rabbit Anti West Nile Virus Core Protein, C-terminal

Catalog No.	Species	Isotype
MD-05-0497	Virus	IgG

Preparation

Immunogen: Synthetic peptide corresponding to 15 amino acids near the C-terminal of the West Nile Virus core protein (Genbank accession no. NP_776011)

Purification: Immunoaffinity chromatography

Specificity

West Nile Virus Core Protein, C-terminal

Formulation

Format: Affinity Purified, Liquid
Concentration: 1mg/ml
Buffer: PBS
Preservative: 0.02% Sodium azide

Storage

Store at 2-8°C (up to one year).

Applications

Table Summary of antibody applications and working conditions

Functions \ Options	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			1ug/ml
Western Blotting			.	
Immunohistology - frozen			.	
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Dot Blot			.	
Flow Cytometry			.	
Immunofluorence staining			.	
IFA			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

References

1) Gould, LH., et al., (2004), "West Nile virus: a growing concern?", J. Clin Invest., **113**: 1102-1107.
2) Chu, J.J., et al., (2005), "Inhibition of West Nile virus entry by using a recombinant domain III from the envelope glycoprotein", J. Gen. Virol., **86**: 405-412.
3) Chu, J.J., et al., (2004), "Interaction of West Nile virus with alpha v beta 3 integrin mediates virus entry into cells", J. Biol. Chem., **279**: 54533-54541.
4) Yang, J.S., et al., (2002), "Induction of inflammation of West Nile Virus capsid through the caspase-9 apoptotic pathway", Emerg. Infect. Dis., **8**: 1379-1384.