9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

12-8273: Anti-West Nile Virus (Clone: WNV-96)-Purified No Carrier Protein

Clonality : Monoclonal
Clone Name : WNV-96
Application : ELISA
Isotype : Human IgG1

Description

Specificity: WNV-96 activity is directed against the ?-Ladder, spaghetti loop of NS1.
Background: West Nile Virus (WNV) is a mosquito-borne, enveloped, positive-stranded RNA flavivirus1. Flavivirus nonstructural protein NS1 has been proposed as an antibody target to avoid antibody-dependent enhancement2. NS1 is a 46-55 kDa glycoprotein that is expressed as a dimer on the cell surface and as a soluble hexamer in the extracellular space and in circulation during infection. WNV NS1 dimer consists of a ?-roll, wing, and ?-ladder.

Product Info

Amount :	1 mg / 250µg
Purification :	Purity: >=90% monomer by analytical SEC and SDS-Page Preparation: Recombinant antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Content :	Concentration: >=1.0 mg/ml Formulation: This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition :	This antibody may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at <= -70°C.?Avoid Repeated Freeze Thaw Cycles.

Application Note

ELISA FC