

12-8205: Anti-Dengue, NS1 (DENV-4014)

Clonality : Monoclonal
Clone Name : DENV-4014
Application : ELISA,IF
Isotype : Mouse IgG1

Description

Specificity: Anti-Dengue virus (Clone DENV-4014) is specific for NS1 of all four serotypes of Dengue virus.

Background: Dengue virus (DENV) is the most common insect-transmitted virus to target humans, with an estimated 390 million infections annually¹. DENVs are members of the Flaviviridae family (single-stranded, positive-sense RNA viruses) and can be divided into four closely related but antigenically distinct serotypes². Encoded in the genome is NS1 (Non-Structural Protein 1) which plays a critical role in the viral life cycle and interacts with the host immune system. NS1 is present in the serum of infected individuals and can be detected early during acute infection, making it a valuable diagnostic marker for dengue fever.

Product Info

Amount : 250µg
Purification : Purity: ≥90%
Preparation: This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations.
Concentration: ≥1.0 mg/ml
Content : Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. 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 purified antibody is stable when stored at 2-8°C. Do not freeze.

Application Note

ELISA: 1:20-1:200,IF: 1:10-1:50,Lateral Flow