

12-8219: Anti-Japanese Encephalitis Virus, NS1 (Clone JEV-4712)

Clonality :	Monoclonal
Clone Name :	JEV-4712
Application :	ELISA
Alternative Name :	NS1, Non-structural protein 1, JEV
Isotype :	Mouse IgG1 κ

Description

Specificity: Anti-Japanese Encephalitis Virus (Clone JEV-4712) is specific for JEV non-structural protein 1 (NS1). There is no cross-reactivity with other Flavivirus.

Background: Japanese Encephalitis Virus (JEV) is a mosquito-borne, enveloped positive-stranded RNA virus in the Flavivirus genus endemic to Asia and parts of the western Pacific¹. Symptomatic JEV infection is most common in children in areas of endemicity or travelers to those regions. Severe symptoms occur in ~1% of cases, with a case-fatality ratio of 20–30%. Survivors often have neurologic, cognitive, or psychiatric sequelae issues. Five JEV genotypes have been identified, and existing vaccines are derived from historically predominant GIII strains².

Product Info

Amount :	250 μ g
Purification :	Purity: >90% for SDS PAGE Preparation: This monoclonal antibody is purified by ion exchange chromatography. Concentration: \geq 1.0 mg/ml
Content :	Formulation: Formulated in 0.015 M phosphate buffered saline (0.85% NaCl), pH 7.2 and contains 0.05% 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.