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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 :	250µg
Purification :	Purity: >90% for SDS PAGE Preparation: This monoclonal antibody is purified by ion exchange chromatography.
Content :	Concentration: ≥1.0 mg/ml 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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.