PRODUCT SPECIFICATION

catalog number: A46582

product description: Dengue Virus NS1 Monoclonal Antibody, Purified

lot number: [lot specific]

immunogen: Recombinant dengue virus, type NS1

source: Murine ascites

form: Liquid

purification method: DEAE chromatography

purity: >95% by SDS-PAGE and HPLC

buffer: 0.015M potassium phosphate buffer, 0.85% NaCl, pH 7.2

preservative: 0.05% NaN₃

isotype: IgG₁, kappa

concentration: [lot specific] mg/mL (based on A²₈₀nm = 14.0)

specificity: This antibody is specific for dengue virus NS1 type 1, type 2, type 3 and type 4.

cross-reactivity: ▪ Type 1, NS1 100% ▪ Type 3, NS1 125%
▪ Type 2, NS1 140% ▪ Type 4, NS1 120%

pairing: This antibody can be used in sandwich ELISA in conjunction with A46585 or A46595.

storage: 2 - 8°C short term (2 years); -20°C long term avoiding multiple freeze thaw cycles.

hazard/biohazard: This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.