PRODUCT SPECIFICATION

catalog number: A46590
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 A₁% = 14.0)
specificity: This antibody is specific for dengue virus NS1, type 2 & 3.
cross-reactivity:
  ▪ Type 1, NS1 0.0%  ▪ Type 3, NS1 150%
  ▪ Type 2, NS1 100%  ▪ Type 4, NS1 0.0%
pairing: This antibody can be used in sandwich ELISA in conjunction with A46582.
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.