



PRODUCT SPECIFICATION

catalog number:	A46580								
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% NaN ₃								
isotype:	IgG _{2a} , kappa								
concentration:	[lot specific] mg/mL (based on A ^{1%} _{280nm} = 14.0)								
specificity:	This antibody is specific for dengue virus NS1, type 1, type 2 and type3.								
cross-reactivity:	<table><tr><td>▪ Type 1, NS1</td><td>40%</td><td>▪ Type 3, NS1</td><td>100%</td></tr><tr><td>▪ Type 2, NS1</td><td>100%</td><td>▪ Type 4, NS1</td><td>5%</td></tr></table>	▪ Type 1, NS1	40%	▪ Type 3, NS1	100%	▪ Type 2, NS1	100%	▪ Type 4, NS1	5%
▪ Type 1, NS1	40%	▪ Type 3, NS1	100%						
▪ Type 2, NS1	100%	▪ Type 4, NS1	5%						
pairing:	This antibody can be used in sandwich ELISA in conjunction with A46592 and 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.								