

Monoclonal Anti-Dengue Virus NS1

Specification Sheet

Catalog #:	MD022
Lot #:	D4182
Description:	Mab to dengue virus NS1
Specificity:	Type 1, NS1 100% Type 2, NS1 130% Type 3, NS1 130% Type 4, NS1 90.0%
Clone:	5D4D9
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1, kappa light chain
Source:	Mouse ascites
Immunogen:	Recombinant dengue virus, type 1, NS1
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	4.47 mg/ml (OD280 nm, E ^{0.1%} = 1.40)
Affinity Constant:	Not determined
Buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH7.2
Pairing Assays:	Pair with MD021
Application:	For dengue virus type 2, NS1 quantitative assays by EIA
Purity:	>95% by HPLC and SDS-PAGE
Storage:	2-8° C for 2 years. Long-term store at -20° C