

## Monoclonal Anti-Dengue Virus NS1

### Specification Sheet

<b>Catalog #:</b>	MD021
<b>Lot #:</b>	1506
<b>Description:</b>	Mab to dengue virus NS1
<b>Specificity:</b>	Type 1, NS1                    100% Type 2, NS1                    140% Type 3, NS1                    125% Type 4, NS1                    120%
<b>Clone:</b>	5D5A1
<b>Host Animal:</b>	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
<b>Isotype:</b>	IgG1, kappa light chain
<b>Source:</b>	Mouse ascites
<b>Immunogen:</b>	Recombinant dengue virus, type 1, NS1
<b>Format:</b>	Purified, liquid
<b>Purification:</b>	DEAE chromatography
<b>Concentration:</b>	4.90 mg/ml (OD280 nm, E <sup>0.1%</sup> = 1.40)
<b>Affinity Constant:</b>	Not determined
<b>Buffer:</b>	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> , pH7.2
<b>Pairing Assays:</b>	Pair with MD022, MD023, MD024, MD025 and MD027
<b>Application:</b>	For dengue virus type 1, 2, 3 and 4, NS1 quantitative assays by EIA
<b>Purity:</b>	>95% by HPLC and SDS-PAGE
<b>Storage:</b>	2-8° C for 2 years. Long-term store at -20° C