

**Monoclonal Anti-Dengue Virus Type 2 Envelope Protein, Clone 3H5-1 (produced *in vitro*)**

**Catalog No. NR-2556**

**Product Description:** Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the envelope protein of dengue virus type 2 (DEN-2) was purified from clone 3H5-1 hybridoma supernatant by protein G affinity chromatography.

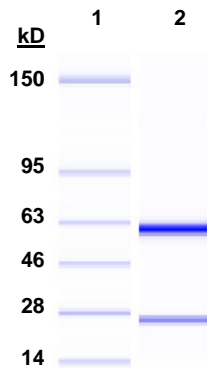
**Lot: 70020864**

**Manufacturing Date: 21OCT2018**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1κ	IgG1κ
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 99.7% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.4 mg per mL
Functional Activity by Indirect Immunofluorescent Assay <sup>1</sup>	Report results	Positive (Figure 2)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

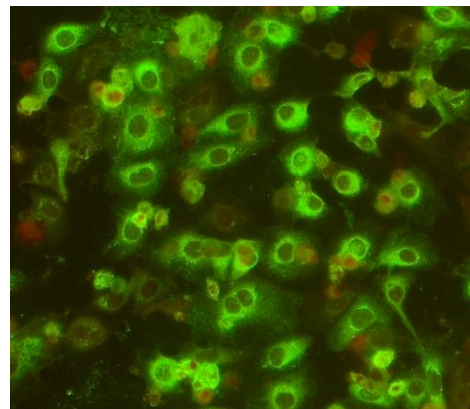
<sup>1</sup>Using Dengue virus, Type 2, strain New Guinea C (BEI Resources NR-84 lot 70019561)-infected LLC-MK2 Derivative cells (ATCC® CCL-7.1™) and a 1:50 and 1:100 dilutions of NR-2556.

**Figure 1: Agilent® Protein 230 Analysis**



Lane 1: Agilent® Protein 230 Ladder  
Lane 2: NR-2556

**Figure 2: Immunofluorescence Assay of Dengue Virus, Type 2, Strain New Guinea C-Infected LLC-MK2 Derivative Cells**



NR-2556, 1:100 Dilution

/Heather Couch/  
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