

**Monoclonal Anti-Flavivirus Group Antigen, Clone D1-4G2-4-15 (produced *in vitro*)**

**Catalog No. NR-50327**

This reagent is the property of the U.S. Government.

**Product Description:**

Antibody Class: IgG1κ, IgG2ακ

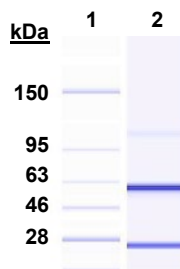
Monoclonal antibody prepared against the group antigen of flaviviruses was purified from clone D1-4G2-4-15 hybridoma supernatant using protein G affinity chromatography. NR-50327 lot 70051486 was produced from BEI Resources NRC-239 lot 5107151 adapted to serum-free media.

**Lot: 70051486**

**Manufacturing Date: 16MAR2022**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1κ, IgG2ακ	IgG1κ, IgG2ακ
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 98.2% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	~ 1 mg per mL	1.6 mg per mL
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

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



Lane 1: MW Markers (kDa)  
Lane 2: NR-50327

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Technical Manager or designee, ATCC Federal Solutions

15 SEP 2022

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