

# Monoclonal Anti-Zika Virus Envelope (E) Protein, Clone ZV-16 (Immunoglobulin G, Mouse)

Catalog No. NR-52371

## Product Description:

Antibody Class: IgG2ck

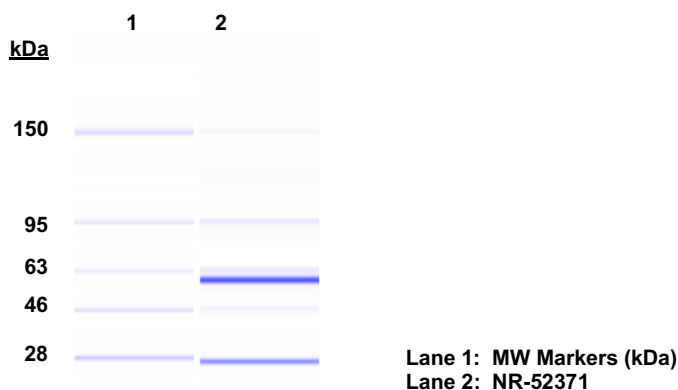
Mouse monoclonal antibody prepared against the envelope (E) glycoprotein of Zika virus was purified from ascites fluid by protein G affinity chromatography. Ascites formation was induced by injecting approximately  $2.5 \times 10^6$  cultured hybridoma clone ZV-16 cells into the peritoneal cavities of pristane-primed mice. The B cell hybridoma was generated by the fusion of P3X63Ag8.653 myeloma cells with immunized mouse splenocytes. NR-52371 lot 70029649 was produced from BEI Resources lot 2244 adapted to serum-free media.

Lot: 70029649

Manufacturing Date: 12 DEC 2019

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ck	IgG2ck
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); 70% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	~ 1 mg/mL	1.09 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



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Technical Manager or designee, ATCC Federal Solutions

15 JAN 2024

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