

**Monoclonal Anti-Rift Valley Fever Virus Gn Glycoprotein, Clone 3C10 (produced *in vitro*)**

**Catalog No. NR-43186**

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

**Product Description:** Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the Rift Valley fever virus (RVFV) Gn glycoprotein was affinity purified from clone 3C10 hybridoma supernatant using protein G affinity chromatography.

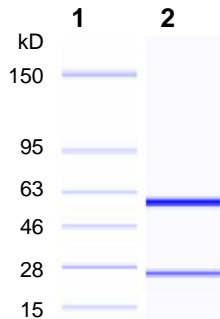
**Lot: 70014810**

**Manufacturing Date: 18JUL2018**

| TEST  | SPECIFICATIONS   | RESULTS  |
|---|--|--|
| Antibody Class Determination                            | IgG1κ  | IgG1κ  |
| Agilent® Protein 230 Analysis                           | Correct molecular weight (MW) for heavy and light chains<br>Report results | Correct MW for heavy and light chains (Figure 1)<br>99.9% pure |
| Concentration by Spectrophotometer at OD <sub>280</sub> | Report results   | 0.97 mg per mL   |
| Functional Activity by ELISA <sup>1</sup>               | Report results   | Reactive (Figure 2)  |
| Sterility   | 0.22 µm filter-sterilized  | 0.22 µm filter-sterilized                                      |

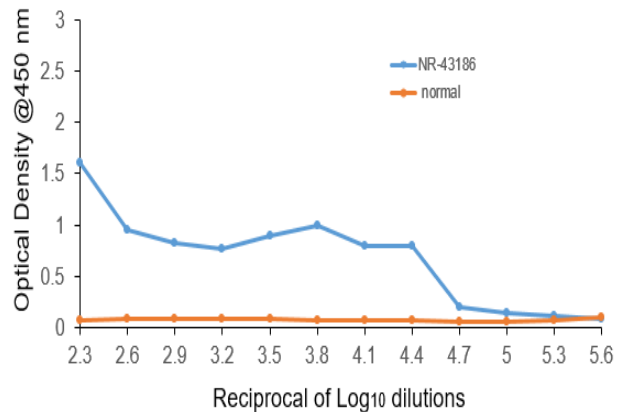
<sup>1</sup>Using Gamma-irradiated RVFV, ZH501 (BEI Resources NR-37380 lot 61259948)

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



Lane 1: Agilent® Protein 230 Ladder  
Lane 2: NR-43186

**Figure 2: Indirect ELISA**



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17 JAN 2019

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