

**Monoclonal Anti-Rift Valley Fever Virus Gn Glycoprotein, Clone R2-7B6-2-1-2 (produced *in vitro*)**

**Catalog No. NR-43185**

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

**Product Description:** Mouse monoclonal antibody prepared against the Rift Valley fever virus (RVFV) Gn glycoprotein was affinity purified from clone R2-7B6-2-1-2 hybridoma supernatant using protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0-Ag14 mouse myeloma cells with splenocytes from immunized BALB/c mice.

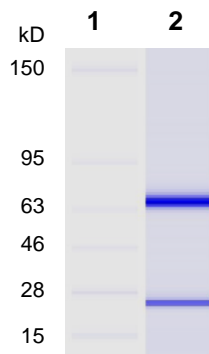
**Lot: 70017202**

**Manufacturing Date: 31JUL2018**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1k	IgG1k
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 92.6% pure
Functional Activity by ELISA <sup>1</sup>	Reactive	Reactive (Figure 2)
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.2 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

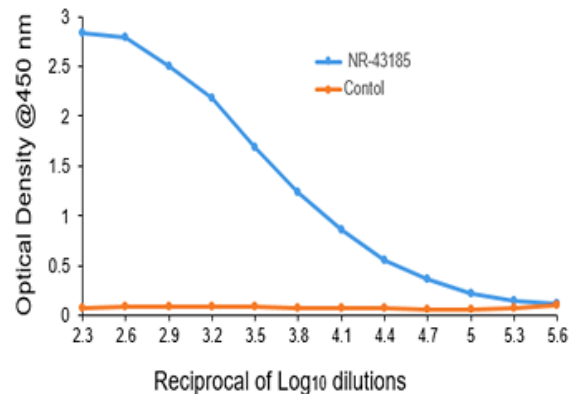
<sup>1</sup>Using Gamma-irradiated Rift Valley Fever Virus, ZH501 (BEI Resources NR-37380 lot 61259948)

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



Lane 1: Agilent® Protein 230 Ladder  
Lane 2: NR-43185

**Figure 2: Indirect ELISA**



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