

Monoclonal Anti-Rift Valley Fever Virus Gc Glycoprotein, Clone 9C10 (produced *in vitro*)

Catalog No. NR-43187

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

Product Description: Mouse monoclonal antibody prepared against the Rift Valley fever virus (RVFV) Gc glycoprotein was affinity purified from clone 9C10 hybridoma supernatant by protein G affinity chromatography.

Lot: 70011741

Manufacturing Date: 14FEB2018

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) 96.8% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	0.9 mg per mL
Functional Activity by Indirect ELISA ¹	Report results	Reactive (Figure 2)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Using gamma-irradiated Rift Valley fever virus (BEI Resources NR-37380 lot 61259948).

Figure 1: Agilent® Protein 230 Analysis

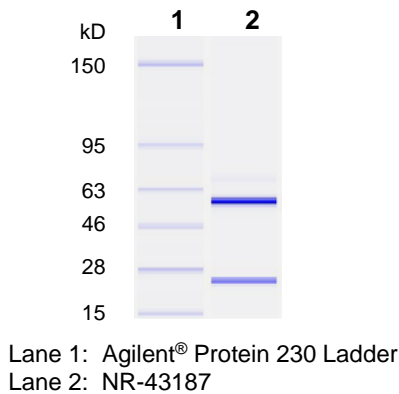
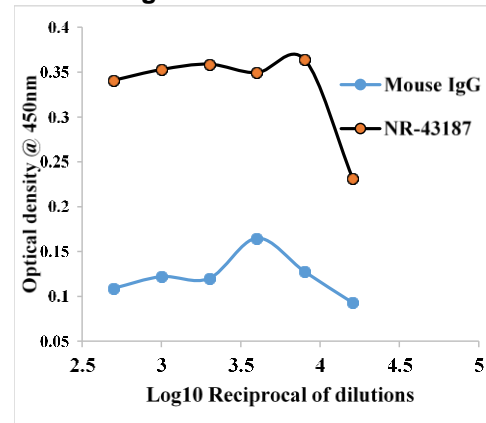


Figure 2: Indirect ELISA



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