

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.

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG1k

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.¹

This reagent is part of the Joel M. Dalrymple – Clarence J. Peters USAMRIID Antibody Collection.

Material Provided:

Each vial of NR-43185 contains approximately 100 µL of purified monoclonal antibody in phosphate-buffered saline (PBS). The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-43185 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-43185 is not neutralizing and was shown to be reactive in indirect immunofluorescence assays using Vero E6 cells infected with RVFV.¹ The antibody is reactive in ELISA. See Certificate of Analysis for details.

Citation:

Acknowledgment for publications should read “The following reagent was obtained from the Joel M. Dalrymple – Clarence J. Peters USAMRIID Antibody Collection through BEI Resources, NIAID, NIH: Monoclonal Anti-Rift Valley Fever Virus Gn Glycoprotein, Clone R2-7B6-2-1-2 (produced *in vitro*), NR-43185.”

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

- Schmaljohn, C. S., Personal Communication.

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