

Monoclonal Anti-Rift Valley Fever Virus Nucleopcapsid Protein, Clone 1D8 (produced *in vitro*)

Catalog No. NR-43188

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: IgG2b

Mouse monoclonal antibody prepared against the Rift Valley fever virus (RVFV) nucleopcapsid protein was purified from clone 1D8 hybridoma supernatant. Lot 61820567 was purified using protein G magnetic beads and lot 64191556 was purified by 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-43188 contains approximately 100 µL of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-43188 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:

Antigen-reactivity of NR-43188 was confirmed in indirect ELISA or in indirect immunofluorescence assays using Vero E6 cells infected with RVFV. See Certificate of Analysis for each lot for details. The antibody is not neutralizing.

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 Nucleopcapsid Protein, Clone 1D8 (produced *in vitro*), NR-43188.”

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/bmb15/index.htm.

Disclaimers:

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References:

- Schmaljohn, C. S., Personal Communication.

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