Monoclonal Anti-Rift Valley Fever Virus Gn Glycoprotein, Clone 3D11 (produced in vitro)

Catalog No. NR-43189
This reagent is the tangible 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: IgG1κ
Mouse monoclonal antibody prepared against the Rift Valley fever virus (RVFV) Gn glycoprotein was purified from clone 3D11 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-43189 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-43189 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-43189 is reactive in indirect immunofluorescence assays using Vero E6 cells infected with RVFV. The antibody is not neutralizing. The antibody is also reported to function in ELISA.¹

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 3D11 (produced in vitro), NR-43189.”

Biosafety Level: 1

Disclaimers:
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References:

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¹ Support Provided by NIAID