Monoclonal Anti-Zaire Ebolavirus Envelope Glycoprotein, Clone 1F6E9 (produced in vitro)

**Catalog No. NR-49265**

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**For research use only. Not for human use.**

**Contributor and Manufacturer:**

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**Product Description:**

Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the envelope glycoprotein (GP) of Zaire ebolavirus (EBOV) was purified from clone 1F6E9 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of mouse myeloma cells with splenocytes from mice that had been immunized intraperitoneally with purified recombinant ZEBOVGP-Fc, which consists of the extracellular domain of the Zaire EBOV GP fused to the human IgG1 Fc fragment.1

**Material Provided:**

Each vial of NR-49265 contains approximately 100 µL of purified monoclonal antibody in PBS, pH 7.2. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

**Packaging/Storage:**

NR-49265 was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. NR-49265 should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

**Functional Activity:**

NR-49265 is reported to be specific for the mucin region of the Zaire ebolavirus envelope glycoprotein and to function in immunocytochemistry, immunohistochemistry, immunoprecipitation and western blot assays.2

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Zaire Ebolavirus Envelope Glycoprotein, Clone 1F6E9 (produced in vitro), NR-49265.”

**Biosafety Level:**

1


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**References:**


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