Monoclonal Anti-Zaire Ebolavirus Envelope Glycoprotein, Clone 7C2G10 (produced in vitro)

Catalog No. NR-32972

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 ebolavirus (EBOV) was purified from clone 7C2G10 hybridoma supernatant by protein A 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 ZEBOVGPFc, which consists of the extracellular domain of the Zaire EBOV GP fused to the human IgG1 Fc fragment.

Material Provided:
Each vial of NR-32972 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-32972 was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. NR-32972 should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-32972 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.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Zaire Ebolavirus Envelope Glycoprotein, Clone 7C2G10 (produced in vitro), NR-32972.”

Biosafety Level: 1

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References:
2. G. Kaplan, personal communication.

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