Monoclonal Anti-Zaire Ebolavirus Envelope Glycoprotein, Clone 6E9D2 (produced in vitro)

Catalog No. NR-32973

For research use only. Not for human use.

Contributor and Manufacturer:
Gerardo Kaplan, Ph.D., Senior Investigator, Center for Biologies Evaluation and Research, Food and Drug Administration, Bethesda, MD

Product Description:
Antibody Class: IgG1k
Mouse monoclonal antibody prepared against the envelope glycoprotein (GP) of ebolavirus (EBOV) was purified from clone 6E9D2 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 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-32973 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-32973 was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. NR-32973 should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-32973 is reported to be specific for the mucin region of the Zaire ebolavirus envelope glycoprotein and to function in immunocytotoxicity, 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 6E9D2 (produced in vitro), NR-32973.”³

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


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References:
2. G. Kaplan, personal communication.
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