b·e·i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Monoclonal Anti-Hantaan Virus Gc Glycoprotein, Clone 20D3 (produced *in vitro*)

Catalog No. NR-36166
This reagent is the property of the U.S. Government.

Product Description: Mouse monoclonal antibody prepared against the Hantaan virus Gc (formerly G2) glycoprotein was purified from clone 20D3 hybridoma supernatant by protein G affinity chromatography.

Lot: 61101777   **Manufacturing Date: 17OCT2012**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1κ	IgG1κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains 96.2% pure
Concentration by Spectrophotometer at OD_{280}	Report results	1.1 mg per mL
Functional Activity[1] Indirect immunofluorescence assay (IFA) titer[2] Plaque reduction neutralization test ($PRNT_{50}$) titer[3]	Report results Report results	2000 ≤ 20
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

[1]Testing performed at U.S. Army Medical Research Institute of Infectious Diseases

[2]The IFA titer is defined as the reciprocal of the lowest antibody dilution where glycoprotein staining was clearly visible above background in Hantaan virus 76-118-infected Vero E6 cells.

[3]The $PRNT_{50}$ is defined as the reciprocal of the antibody dilution required to reduce the number of Hantaan virus 76-118 plaques in Vero E6 cells by 50% relative to the control wells.

Date: 20 FEB 2014   **Signature:** *Michael Q. Gmyrha*

Title: Technical Manager, BEI Authentication or designee

Support Provided by NIAID

BEI Resources   E-mail: contact@beiresources.org
www.beiresources.org   Tel: 800-359-7370
                                                          Fax: 703-365-2898

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