

Monoclonal Anti-Junin Virus, Clone JB02-BF08 (produced *in vitro*)

Catalog No. NR-40328

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For research use only. Not for human use.

Contributor and Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG1k

Mouse monoclonal antibody reportedly reactive with the nucleoprotein of Junin virus¹ was purified from hybridoma supernatant by protein G affinity chromatography.

Note: The antibody class of the hybridoma from which NR-40328 was derived has been reported to be IgG3.¹ Results from BEI Resources indicate that the antibody class of the hybridoma is IgG1.

Material Provided:

Each vial of NR-40328 contains approximately 80 to 120 µg of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-40328 was packaged aseptically in screw-capped plastic cryovials and is provided frozen. NR-40328 may be stored undiluted at 4°C for several weeks. It should not be diluted until immediately prior to use. For long-term storage, NR-41860 should be aliquoted and stored at -20°C or colder. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Junin Virus, Clone JB02-BF08 (produced *in vitro*), NR-40328."

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 Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Sanchez, A., et al. "Junin Virus Monoclonal Antibodies: Characterization and Cross-reactivity with Other Arenaviruses." J. Gen. Virol. 70 (1989): 1125–1132. PubMed: 2471803.

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