

Monoclonal Anti-Junin Virus, Clone JB02-BF08 (immunoglobulin G, Mouse)

Catalog No. NR-2579

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Product Description:

Mouse monoclonal antibody reactive with the nucleoprotein of Junin virus¹ was purified from mouse ascites by protein A affinity chromatography. **Note:** The antibody class of the hybridoma from which NR-2579 was derived has been reported to be IgG3. Results from BEI Resources indicate that the antibody class of the hybridoma is IgG1. The purified mouse ascites preparation (NR-2579, lot 4874364) contains both IgG1 and IgG2a.

Lot: 4874364

Manufacturing Date: 31JUL2006

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1 and IgG2a
Concentration by Spectrophotometer at OD₂₈₀	Report results	0.94 mg/mL
Indirect Fluorescent Antibody Assay Junin virus, Parodi-infected Vero E6 cells Junin virus, Romero-infected Vero E6 cells Uninfected Vero E6 cells	Fluorescence observed Fluorescence observed No fluorescence observed	Fluorescence observed Fluorescence observed No fluorescence observed
Sterility Filtration ² Trypticase soy agar, 37°C, aerobic, 72 hours ³	0.22 µm filter No growth	0.22 µm filter No growth
Mycoplasma Contamination PCR/ELISA ³	None detected	None detected

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

²Pre-vialing.

³Post-vialing.

Date: 05 OCT 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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