

Monoclonal Anti-Junin Virus, Clone QC03-BF11 (immunoglobulin G, Mouse)

Catalog No. NR-2566

This reagent is the property of the U.S. Government.

Product Description: Antibody Class: IgG2ak

Mouse monoclonal antibody reactive with the surface glycoprotein of Junin virus¹ was purified from mouse ascites by protein A affinity chromatography.

Lot: 4874351

Manufacturing Date: 30APR2006

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ak	IgG2ak
Concentration by Spectrophotometer at OD₂₈₀	Report results	1.0 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: 18 SEP 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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