

**Monoclonal Anti-Junin Virus, Clone LD05-BF09 (immunoglobulin G, Mouse)**

**Catalog No. NR-2569**

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 virus<sup>1</sup> was purified from mouse ascites by protein A affinity chromatography.

**Lot: 4874354**

**Manufacturing Date: 02MAY2006**

TEST	SPECIFICATIONS	RESULTS
<b>Antibody Class Determination</b>	IgG2ak	IgG2ak
<b>Concentration by Spectrophotometer at OD<sub>280</sub></b>	Report results	0.99 mg/mL
<b>Indirect Fluorescent Antibody Assay</b> 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
<b>Sterility</b> Filtration <sup>2</sup> Trypticase soy agar, 37°C, aerobic, 72 hours <sup>3</sup>	0.22 µm filter No growth	0.22 µm filter No growth
<b>Mycoplasma Contamination</b> PCR/ELISA <sup>3</sup>	None detected	None detected

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

<sup>2</sup>Pre-vialing.

<sup>3</sup>Post-vialing.

**Date:** 18 SEP 2007

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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