

Monoclonal Anti-Junin Virus, Clone LD05-BF09 (produced *in vitro*)

Catalog No. NR-48833

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

Product Description: IgG2ak

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

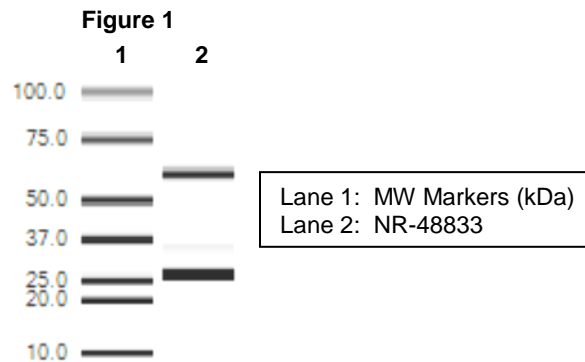
Lot: 63887168

Manufacturing Date: 15SEP2015

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ak	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 93.4% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.1 mg per mL
Functional Activity Indirect Fluorescent Antibody Test Indirect ELISA ²	Report results Report results	Reactive at dilutions up to 1:6400 Weakly reactive
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

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

²Plates were coated with a 1:2000 dilution of detergent-lysed Junin virus-infected cells.



Date: 11 APR 2016

Signature: *Michael Q. Gynther*

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