

**Monoclonal Anti-Junin Virus, Clone NA05-AG12 (produced *in vitro*)**

**Catalog No. NR-48834**

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

**Product Description:**

Antibody Class: IgG1k

Mouse monoclonal antibody reportedly reactive with the nucleoprotein of Junin virus<sup>1</sup> was affinity purified from hybridoma supernatant by protein G affinity chromatography.

**Lot<sup>2</sup>: 70010164**

**Manufacturing Date: 07DEC2017**

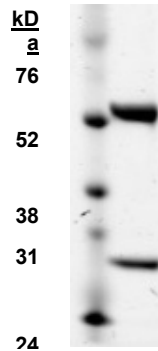
TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1k	IgG1k
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 100% pure <sup>3</sup>
Concentration by Spectrophotometer at OD <sub>280</sub>	~ 1 mg per mL	1.3 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<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>Lot 70010164 was released without confirmation of functional activity.

<sup>3</sup>Purity was assessed by densitometry using LI-COR Odyssey® imaging system.

**Figure 1: SDS-PAGE Analysis**



Lane 1: Amersham™ ECL™ Rainbow™ Marker  
Lane 2: NR-48834

/Heather Couch/

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