

Monoclonal Anti-Junin Virus, Clone ODO1-AA09 (produced *in vitro*)

Catalog No. NR-51860

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

Product Description:

Antibody Class: IgG1k

Monoclonal antibody reactive with the surface glycoprotein of Junin virus was affinity purified from clone ODO1-AA09 hybridoma supernatant using protein G affinity chromatography. NR-51860 lot 70029446 was produced from NRC-202 lot 4874374 adapted to serum-free media.

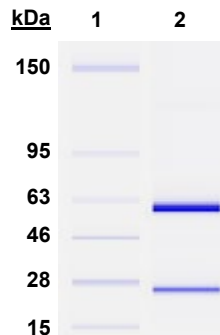
Lot: 70029446

Manufacturing Date: 06NOV2019

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); 98.1% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg per mL	1.0 mg per mL
Functional Activity by Immunofluorescence Assay ¹	Reactive	Reactive (Figure 2)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

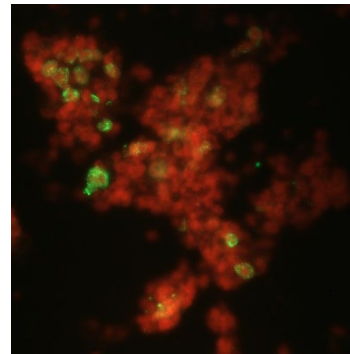
¹Using Junin virus, Candid #1 (BEI Resources NR-469) and NR-51860 at 1:100 dilution and FITC-conjugated goat anti-mouse IgG (Light Diagnostics™, 5008) as secondary antibody.

Figure 1: Agilent® Protein 230 Analysis



Lane 1: MW Markers (kDa)
Lane 2: NR-51860

Figure 2: Indirect Fluorescent Antibody Assay



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Program Manager or designee, ATCC Federal Solutions

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