

**Monoclonal Anti-Human Parainfluenza Virus Type I, Hemagglutinin-Neuraminidase (HN) Glycoprotein, Clone 11b (produced *in vitro*)**

**Catalog No. NR-59071**

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

**Product Description:**

Clone: 11b

Antibody Class: IgG1k

Mouse monoclonal antibody prepared against the human parainfluenza virus 1 (HPIV1) hemagglutinin-neuraminidase (HN) glycoprotein was purified from clone 11b hybridoma supernatant using protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0-Ag8 myeloma cells with immunized mice splenocytes. NR-59071 was produced from BEI Resources lot 70074821 adapted to serum-free media.

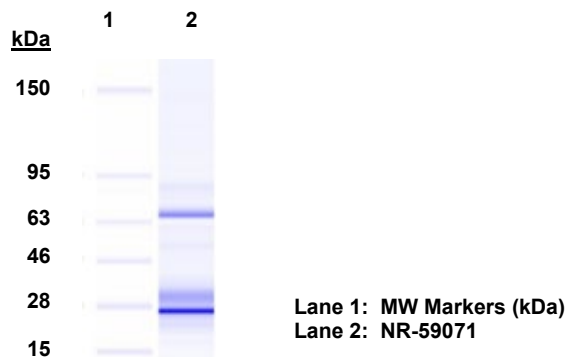
**Lot: 70075416**

**Manufacturing Date: 27MAY2025**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1k	IgG1k
Agilent® Protein 230 Analysis <sup>1</sup>	Correct molecular weight (MW) for heavy and light chains Report average purity	Correct molecular weight (MW) for heavy and light chains (Figure 1) 88.4% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	~ 1 mg/mL	1.2 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>Due to the presence of two glycoforms, each with different glycosylation patterns, two protein bands were observed in the light chain.

**Figure 1: Agilent® Protein 230 Analysis**



/Sonia Bjorum Brower/  
Sonia Bjorum Brower

Technical Manager or designee, ATCC Federal Solutions

22 JAN 2026

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

