

Monoclonal Anti-Murine Coronavirus Nucleocapsid (N) Protein, Clone 1.16.1 (produced *in vitro*)

Catalog No. NR-45106

Product Description: Antibody Class: IgG1κ

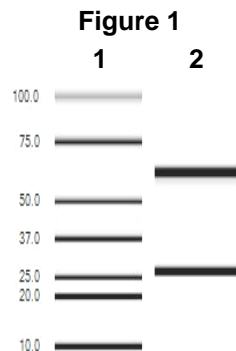
Mouse monoclonal antibody prepared against the N protein of murine coronavirus was purified from clone 1.16.1 hybridoma supernatant by protein G affinity chromatography.

Lot: 62204041

Manufacturing Date: 05FEB2014

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 98.3% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	0.9 mg per mL
Functional Activity by Indirect Fluorescent Antibody Assay ¹	Report results	Fluorescence observed
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

¹Using recombinant murine coronavirus icA59 (BEI Resources NR-43000)-infected NCTC clone 1469 cells (ATCC[®] CCL-9.1™) and 1:50 and 1:500 dilutions of NR-45106



Lane 1: MW Markers (kDa)
Lane 2: NR-45106

Date: 21 MAY 2014

Signature: *Michael R. Gynther*

Title: Technical Manager, BEI Authentication or designee

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