

## Monoclonal Anti-Vaccinia Virus (WR) L1R Protein, Residues 1 to 185 (similar to VMC-5), (produced *in vitro*)

**Catalog No. NR-420**

**Product Description:** Antibody Class: IgG1

Mouse monoclonal antibody to a recombinant form of the L1R protein [L1R(185t); residues 1 to 185, C-terminal histidine-tagged]<sup>1</sup> of the Western Reserve (WR) strain of vaccinia virus was purified from a mouse B cell hybridoma using ammonium sulfate precipitation and size exclusion chromatography. The mouse B cell hybridoma was generated by the fusion of SP2/0 myeloma cells with immunized BALB/c splenocytes.

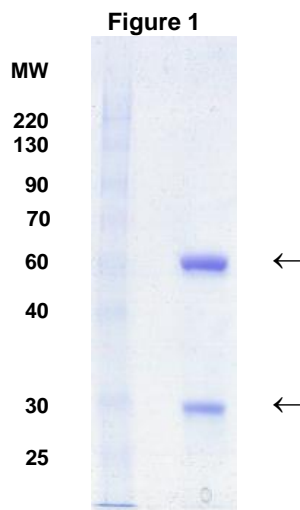
**Lot: 3946830**

**Manufacturing Date<sup>2</sup>: 22APR2005**

TEST	SPECIFICATIONS	RESULTS
<b>SDS-PAGE (Coomassie Blue densitometer scan)</b>	Correct MW for heavy and light chains > 90% pure	Correct MW for heavy and light chains (See Figure 1) > 99% pure
<b>Concentration by Spectrophotometer at OD<sub>280</sub></b>	1.0 mg/mL ± 7%	1.0 mg/mL
<b>Bioburden Assay</b> Trypticase soy agar (3-day incubation at 35°C to 37°C)	0 colony forming units/mL	0 colony forming units/mL
<b>Bovine IgG Concentration</b>	< 1% of total protein	0.02% of total protein

<sup>1</sup>Aldaz-Carroll, L., et al. "Physical and Immunological Characterization of a Recombinant Secreted Form of the Membrane Protein Encoded by the Vaccinia Virus L1R Gene." *Virology* 341 (2005): 59–71. PubMed: 16083934.

<sup>2</sup>Note: The manufacturing date indicated on the vial is incorrect.



**Date:** 14 MAR 2006

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication

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