Certificate of Analysis for NR-566

Monoclonal Anti-Vaccinia Virus (WR) L1R Protein, Residues 1 to 185 (similar to VMC-35), (produced *in vitro*)

Catalog No. NR-566

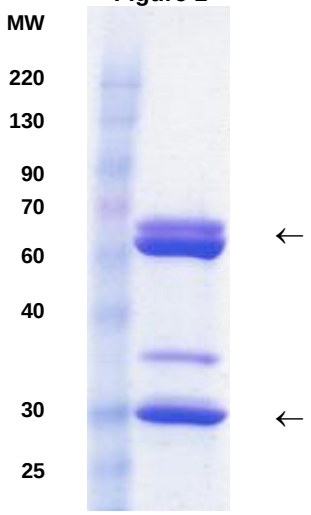
Product Description: Antibody Class: IgG2b
Mouse monoclonal antibody to a recombinant form of the L1R protein [L1R(185t); residues 1 to 185, C-terminal histidine-tagged][1] of the Western Reserve (WR) strain of vaccinia virus was purified from a mouse B cell hybridoma using ammonium sulfate precipitation 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: 4345875 **Manufacturing Date[2]: APR2005**

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Correct MW for heavy and light chains > 90% pure	Correct MW for heavy and light chains (See Figure 1) > 91% pure
Concentration by Spectrophotometer at OD_{280}	1.0 mg/mL ± 7%	1.0 mg/mL
Bioburden Assay Trypticase soy agar (3-day incubation at 35°C to 37°C)	0 colony forming units/mL	0 colony forming units/mL
Bovine IgG Concentration	< 1% of total protein	< 0.01% of total protein

[1]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.
[2]Note: The manufacturing date indicated on the vial is the deposit date.

Figure 1



Date: 07 MAR 2006

Signature: Signature on File

Title: Technical Manager, BEI Authentication

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