

Monoclonal Anti-Vaccinia Virus (WR) B5R Protein, Residues 20 to 275 (Ectodomain), (similar to VMC-11), (produced *in vitro*)

Catalog No. NR-426

Product Description: Antibody Class: IgG1

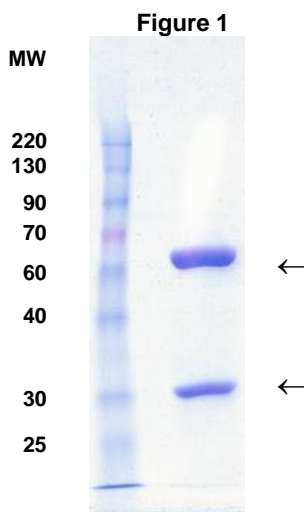
Mouse monoclonal antibody to a recombinant form of the B5R envelope glycoprotein [B5R(275t); residues 20 to 275 comprising the ectodomain, N-terminal histidine tagged]¹ of the Western Reserve (WR) strain of vaccinia virus was purified from a mouse B cell hybridoma using ammonium sulfate precipitation 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: 3946840

Manufacturing Date: 25MAY2005

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) > 99% pure
Concentration by Spectrophotometer at OD₂₈₀	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

¹Aldaz-Carroll, L., et al. "Epitope-Mapping Studies Define Two Major Neutralization Sites on the Vaccinia Virus Extracellular Enveloped Virus Glycoprotein B5R." *J. Virol.* 79 (2005): 6260–6271. PubMed: 15858010.



Date: 13 MAR 2006

Signature: Signature on File

Title: Technical Manager, BEI Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the vendor 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.



Biodefense and Emerging Infections Research Resources Repository

P.O. Box 4137
 Manassas, VA 20108-4137 USA
www.beiresources.org

800-359-7370
 Fax: 703-365-2898
 E-mail: contact@beiresources.org