

### **Polyclonal Anti-Vaccinia Virus (WR) A33R Protein, (antiserum, Rabbit)**

**Catalog No. NR-628**

**For research use only. Not for human use.**

#### **Contributor:**

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#### **Product Description:**

Antiserum to the A33R membrane glycoprotein of the Western Reserve (WR) strain of vaccinia virus was produced by immunization of rabbits a recombinant form of the A33R protein.<sup>1,2</sup> Recombinant A33R is available as BEI Resources NR-545 and NR-2623.

#### **Material Provided:**

Each vial contains approximately 0.2 mL of rabbit polyclonal antiserum to the A33R protein of the Western Reserve (WR) strain of vaccinia virus.

#### **Packaging/Storage:**

NR-628 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival.

#### **Functional Activity:**

NR-628 is specific to the A33R protein of vaccinia virus (WR) as determined by Western blot analysis and ELISA.

#### **Citation:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Polyclonal Anti-Vaccinia Virus (WR) A33R Protein, (antiserum, Rabbit), NR-628."

#### **Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 4th ed. Washington, DC: U.S. Government Printing Office, 1999. HHS Publication No. (CDC) 93-8395. This text is available online at [www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm).

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#### **References:**

1. Lustig, S., et al. "Combinations of Polyclonal or Monoclonal Antibodies to Proteins of the Outer Membranes of the Two Infectious Forms of Vaccinia Virus Protect Mice against a Lethal Respiratory Challenge." J. Virol. 79 (2005): 13454-13462. PubMed: 16227266.
2. Fogg, C., et al. "Protective Immunity to Vaccinia Virus Induced by Vaccination with Multiple Recombinant Outer Membrane Proteins of Intracellular and Extracellular Virions." J. Virol. 78 (2004): 10230-10237. PubMed: 15367588.

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