

## Polyclonal Anti-Vaccinia Virus (WR) L1R Protein, (antiserum, Rabbit)

Catalog No. NR-631

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

Please read the Product Information Sheet and Certificate of Analysis carefully to determine whether or not this product is acceptable for your intended use.

### Contributor:

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### Product Description:

Antiserum to the L1R membrane glycoprotein of the Western Reserve (WR) strain of vaccinia virus was produced by immunization of rabbits with a recombinant form of the L1R protein.<sup>1-3</sup> Recombinant L1R is available as BEI Resources NR-2625.

### Material Provided:

Each vial contains approximately 0.2 mL of rabbit polyclonal antiserum to the L1R protein of the Western Reserve (WR) strain of vaccinia virus. **NR-631 did not pass sterility testing and is not appropriate for tissue culture or *in vivo* assays.**

### Packaging/Storage:

NR-631 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-631 is specific to the L1R 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) L1R Protein, (antiserum, Rabbit), NR-631."

### 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/bmb14/bmb14toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb14/bmb14toc.htm).

### Disclaimers:

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### References:

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. 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.
3. 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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