

Datasheet: 9503-2057

**BATCH NUMBER 150311**

<b>Description:</b>	RABBIT ANTI VACCINIA VIRUS
<b>Specificity:</b>	VACCINIA VIRUS
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Viral
<b>Product Form</b>	Purified IgG - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 4 mg/ml
<b>Immunogen</b>	Vaccinia virus, New York City Board of Health (NYCBOH) strain.
<b>RRID</b>	AB_619589

**Specificity** **Rabbit anti vaccinia virus antibody** recognizes vaccinia virus purified virions. It reacts with Lister and NYCBOH strains of Vaccinia.

It does not cross react with Parainfluenza (1-3), RSV, Adenovirus, Influenza A+B, or HSV.

## References

1. Hornemann, S. *et al.* (2003) Replication of modified vaccinia virus Ankara in primary chicken embryo fibroblasts requires expression of the interferon resistance gene E3L. [J Virol. 77 \(15\): 8394-407.](#)
2. Manuel, E.R. *et al.* (2010) Intergenic region 3 of modified vaccinia ankara is a functional site for insert gene expression and allows for potent antigen-specific immune responses. [Virology. 2010 403: 155-62.](#)
3. Staib, C. *et al.* (2004) Construction and isolation of recombinant MVA. [Methods Mol Biol. 269: 77-100.](#)
4. Olszewska, W. *et al.* (2004) Protective and disease-enhancing immune responses induced by recombinant modified vaccinia Ankara (MVA) expressing respiratory syncytial virus proteins. [Vaccine. 23: 215-21.](#)
5. Vogel, T.U. *et al.* (2003) Multispecific vaccine-induced mucosal cytotoxic T lymphocytes reduce acute-phase viral replication but fail in long-term control of simian immunodeficiency virus SIVmac239. [J Virol. 77: 13348-60.](#)
6. Buttigieg, K.R. *et al.* (2014) A Novel Vaccine against Crimean-Congo Haemorrhagic Fever Protects 100% of Animals against Lethal Challenge in a Mouse Model. [PLoS One. 9\(3\):e91516.](#)

## Storage

Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted.  
Avoid repeated freezing and thawing as this may denature the antibody.  
Should this product contain a precipitate we recommend microcentrifugation before use.

## Guarantee

12 months from date of despatch

## Health And Safety Information

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/9503-2057>  
10040

## Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)

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