



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Chicken anti Murine Gammaherpesvirus-68 ORF59 (DNA polymerase processivity factor)

[exalpha.com/products/chicken-anti-murine-gammaherpesvirus-68-orf59-dna-polymerase-processivity-factor/AORF59](https://www.exalpha.com/products/chicken-anti-murine-gammaherpesvirus-68-orf59-dna-polymerase-processivity-factor/AORF59)

Catalog number: **AORF59**

Product Type	Primary antibodies
Units	10 mg
Host	Chicken
Application	ELISA Western Blotting

### Source

Chickens were immunized with 2 peptides (CGKKTRGGNKASDSGT, CKRPPPKKDREPTTKRPKL), each conjugated to KLH. After multiple immunizations, eggs were collected and IgY was purified from the egg yolk. The antibody was NOT affinity purified.

### Product

*Product Form:* Egg yolk-derived purified IgY

*Formulation:* Phosphate buffered saline, pH 7.2 with 0.075% sodium azide

*Purification Method:* Egg yolk-derived purified IgY (non affinity purified)

*Concentration:* See vial for concentration.

### Applications

This antibody has been tested in Western blot (see attached image) and a suggested starting dilution is 1:2500, using detector HRP-Donkey anti-IgY (Cat. #DAIgY-HRP) at a 1:3000 dilution. Optimal working dilutions should be determined for your particular assay conditions.

### Storage

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

## Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpa Biologicals accepts no liability for any inaccuracies or omissions in this information.

## References

1. Upton, JW, van Dyck, LF and SH Speck. 2005. Characterization of murine gammaherpesvirus 68 v-cyclin interactions with cellular cdks. *Virology* 341:271-283.
2. Herskowitz, JH, Siegal, AM, Jacoby, MA and SH Speck. 2008. Systematic Mutagenesis of the Murine Gammaherpesvirus 68 M2 Protein Identifies Domains Important for Chronic Infection. *J. Virol.* 82: 3295-3310.
3. Aligo J., Brosnan K, Walker M, Mikkelsen ER, Burleson GR, Burleson FG, Volk A, Weinstock D, 2014. Murine gammaherpesvirus-68 (MHV-68) is not horizontally transmitted amongst laboratory mice by cage contact. *J. Immunotoxicol.* Nov. 21:1-12
4. Santana AL Oldenburg DG, Kirillov V, Malik L, Dong Q, Sinayev R, Marcu KB, White DW, Krug LT. RTA Occupancy of the Origin of Lytic Replication during Murine Gammaherpesvirus 68 Reactivation from B Cell Latency. *Pathogens.* 2017 Feb 16;6(1). pii: E9. doi: 10.3390/pathogens6010009
2. Qiwen Dong, Kyle R. Smith, Darby G. Oldenburg, Maxwell Shapiro, William R. Schutt, Laraib Malik, Joshua B. Plummer, Yunxiang Mu, Thomas MacCarthy, Douglas W. White, Kevin M. McBride, Laurie T. Krug Combinatorial Loss of the Enzymatic Activities of Viral Uracil-DNA Glycosylase and Viral dUTPase Impairs Murine Gammaherpesvirus Pathogenesis and Leads to Increased Recombination-Based Deletion in the Viral Genome. *American Society for Microbiology*, 2018, DOI: 10.1128/mBio.01831-18

## Safety Datasheet(s) for this product:

EA\_Sodium Azide