

# Datasheet: C12CA.1 BATCH NUMBER 167526

Description:	BABY RABBIT COMPLEMENT
Name:	BABY RABBIT COMPLEMENT
Format:	Serum
Product Type:	Serum
Quantity:	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 <a href="www.bio-rad-antibodies.com/protocols">www.bio-rad-antibodies.com/protocols</a>.

	Yes	No	Not Determined	<b>Suggested Dilution</b>
Functional Assays (1)	•			
Immunoassay				

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 appropriate negative/positive controls.

(1) This product is not sold as sterile but can be sterilized by filtration if necessary. It is preferable to dilute the complement to a final working concentration before filtration in order to minimize loss of volume.

Product Form	Baby rabbit serum - lyophilized	
Reconstitution	Reconstitute with 1.0 ml ice cold distilled water	
Preservative Stabilisers	None present	
Product Information	Baby rabbit complement serum preparation is intended for us complement for cytotoxicity assays.	se as a source of rabbit

## References

- 1. De clercq, L. *et al.* (1997) An anti-adipocyte monoclonal antibody is cytotoxic to porcine preadipocytes *in vitro* and depresses the development of pig adipose tissue. <u>J Anim Sci.</u> 75 (7): 1791-7.
- 2. Anderson, L.D. Jr *et al.* (1999) Enhancement of graft-versus-tumor activity and graft-versus-host disease by pretransplant immunization of allogeneic bone marrow donors with a recipient-derived tumor cell vaccine. <u>Cancer Res. 59 (7): 1525-30.</u>

- 3. Lidington, E.A. *et al.* (2000) Induction of decay-accelerating factor by thrombin through a protease-activated receptor 1 and protein kinase C-dependent pathway protects vascular endothelial cells from complement-mediated injury. <u>Blood. 96 (8): 2784-92.</u>
- 4. Mason, J.C. *et al.* (2002) bFGF and VEGF synergistically enhance endothelial cytoprotection via decay-accelerating factor induction. <u>Am J Physiol Cell Physiol. 282:</u> C578-87.
- 5. Mason, J.C. *et al.* (2002) Statin-induced expression of decay-accelerating factor protects vascular endothelium against complement-mediated injury. <u>Circ Res. 91 (8)</u>: 696-703.
- 6. Li, S.H. *et al.* (2004) C-reactive protein upregulates complement-inhibitory factors in endothelial cells. Circulation. 109: 833-6.
- 7. Newcombe, J. *et al.* (2004) Infection with an avirulent phoP mutant of *Neisseria meningitidis* confers broad cross-reactive immunity. <u>Infect Immun. 72: 338-44.</u>
- 8. Sancho, D. *et al.* (2006) CD69 targeting differentially affects the course of collagen-induced arthritis. J Leukoc Biol. 80: 1233-41.
- 9. Hyams, C. *et al.* (2010) *Streptococcus pneumoniae* resistance to complement-mediated immunity is dependent on the capsular serotype. <u>Infect Immun. 78: 716-25.</u>
- 10. Hung, M.C. *et al.* (2011) The *Neisseria meningitidis* Macrophage Infectivity Potentiator Protein Induces Cross-Strain Serum Bactericidal Activity and Is a Potential Serogroup B Vaccine Candidate. Infect Immun. 79: 3784-91.
- 11. Lee, S.J. *et al.* (2012) Identification of a common immune signature in murine and human systemic Salmonellosis. Proc Natl Acad Sci U S A. 109 (13): 4998-5003.
- 12. Hung MC *et al.* (2013) The adhesin complex protein (ACP) of *Neisseria meningitidis* is a new adhesin with vaccine potential. MBio. 4 (2): pii: e00041-13.
- 13. Goh, Y.S. & MacLennan, C.A. (2013) Invasive African nontyphoidal Salmonella requires high levels of complement for cell-free antibody-dependent killing. <u>J Immunol Methods</u>. 387 (1-2): 121-9.
- 14. Goh YS *et al.* (2016) Bactericidal Immunity to *Salmonella* in Africans and Mechanisms Causing Its Failure in HIV Infection. PLoS Negl Trop Dis. 10 (4): e0004604.
- 15. Humbert MV *et al.* (2016) Vaccine Potential and Diversity of the Putative Cell Binding Factor (CBF, NMB0345/NEIS1825) Protein of *Neisseria meningitidis*. <u>PLoS One. 11 (8):</u> e0160403.
- 16. Dierckx de Casterlé I *et al.* (2018) Reduction of myeloid-derived suppressor cells reinforces the anti-solid tumor effect of recipient leukocyte infusion in murine neuroblastoma-bearing allogeneic bone marrow chimeras. <u>Cancer Immunol Immunother.</u> 67 (4): 589-603.
- 17. Valton, J. *et al.* (2018) A Versatile Safeguard for Chimeric Antigen Receptor T-Cell Immunotherapies. <u>Sci Rep. 8 (1): 8972.</u>
- 18. Dierckx de Casterlé, I. *et al.* (2018) Reduction of myeloid-derived suppressor cells reinforces the anti-solid tumor effect of recipient leukocyte infusion in murine neuroblastoma-bearing allogeneic bone marrow chimeras. <u>Cancer Immunol Immunother.</u> 67 (4): 589-603.
- 19. Nganje, C.N. *et al.* (2019) PepN is a non-essential, cell wall-localized protein that contributes to neutrophil elastase-mediated killing of *Streptococcus pneumoniae*. <u>PLoS One.</u> 14 (2): e0211632.
- 20. Cuesta-Mateos, C. *et al.* (2020) CCR7 as a novel therapeutic target in t-cell PROLYMPHOCYTIC leukemia <u>Biomarker Research.8</u>, 54.

	21. Mosti, L. <i>et al.</i> (2021) Targeted multi-epitope switching enal positive/negative selection of CAR T cells. <u>Gene Ther. 28 (9): 6</u> 22. Olivera-Ardid, S. <i>et al.</i> (2023) Removal of natural anti-αGal immunity against Gram-negative bacterial infections. <u>Front Imm</u>	antibodies elicits protective
Storage	Prior to reconstitution store at +4°C. Following reconstitution st aliquot and store at -70°C for longer.	ore at +4 <sup>o</sup> C for 1 hour or
	This product should be stored undiluted. Avoid repeated freezing denature the product. Should this product contain a precipitate microcentrifugation before use.	
Guarantee	Guaranteed until date of expiry. Please see product label.	
Health And Safety Information	Material Safety Datasheet documentation #10288 available at: <a href="https://www.bio-rad-antibodies.com/SDS/C12CA.1">https://www.bio-rad-antibodies.com/SDS/C12CA.1</a> 10288	
Regulatory	For research purposes only	

 North & South
 Tel: +1 800 265 7376
 Worldwide
 Tel: +44 (0)1865 852 700
 Europe
 Tel: +49 (0) 89 8090 95 21

 America
 Fax: +1 919 878 3751
 Fax: +44 (0)1865 852 739
 Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M420800:230706'

## Printed on 18 Jan 2024

© 2024 Bio-Rad Laboratories Inc | Legal | Imprint