

Datasheet: MCA914 BATCH NUMBER 163933

Description:	MOUSE ANTI HUMAN CD55		
Specificity:	CD55		
Other names:	DAF		
Format:	Purified		
Product Type:	Monoclonal Antibody		
Clone:	BRIC216		
Isotype:	lgG1		
Quantity:	0.2 mg		

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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	•			
Immunohistology - Frozen				
Immunohistology - Paraffin				
ELISA				
Immunoprecipitation	•			
Western Blotting (1)	•			
Functional Assays (2)	•			

Where this antibody 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 guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

- (1)Non-reducing conditions required.
- (2) This product contains sodium azide, removal by dialysis is recommended prior to use in functional assays.

Target Species	Human	
Product Form	Purified IgG - liquid	
Preparation	Purified IgG prepared by affinity chromatography on Protein C supernatant	From tissue culture

- expressing human complement regulatory genes. Xenotransplantation. 14 (1): 34-47.
- 7. Kim, M.S. & Racaniello, V.R. (2007) Enterovirus 70 receptor utilization is controlled by capsid residues that also regulate host range and cytopathogenicity. <u>J Virol. 81 (16):</u> 8648-55.
- 8. Ellison, B.S. *et al.* (2007) Complement susceptibility in glutamine deprived breast cancer cells. Cell Div. 2: 20.
- 9. Liszewski, M.K. *et al.* (2007) Modeling how CD46 deficiency predisposes to atypical hemolytic uremic syndrome. <u>Mol Immunol.</u> 44: 1559-68.
- 10. Koch, N. *et al.* (2009) IL-10 protects monocytes and macrophages from complement-mediated lysis. <u>J Leukoc Biol. 86 (1): 155-66.</u>
- 11. Tu, C.F. *et al.* (2010) The *in vitro* protection of human decay accelerating factor and hDAF/heme oxygenase-1 transgenes in porcine aortic endothelial cells against sera of Formosan macagues. Transplant Proc. 42 (6): 2138-41.
- 12. Pahwa, R. *et al.* (2016) Modulation of PBMC-decay accelerating factor (PBMC-DAF) and cytokines in rheumatoid arthritis. <u>Mol Cell Biochem. 414 (1-2): 85-94.</u>
- 13. Gullipalli, D. *et al.* (2018) Antibody Inhibition of Properdin Prevents Complement-Mediated Intravascular and Extravascular Hemolysis. <u>J Immunol. 201 (3): 1021-9.</u>
- 14. Noda, G.S. *et al.* (2020) Specificities and isotypes of erythrocytes autoantibodies in patients with warm autoimmune hemolytic anemia Rev Cubana Hematol Inmunol Hemoter 36(4): e1283

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10511 available at: https://www.bio-rad-antibodies.com/SDS/MCA914 10511
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)

Rabbit Anti Mouse IgG (STAR12...)

RPE

Goat Anti Mouse IgG (STAR70...)

FITC

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP

Goat Anti Mouse IgG (STAR76...) RPE

Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP

Rabbit Anti Mouse IgG (STAR13...) HRP
Rabbit Anti Mouse IgG (STAR9...) FITC

Goat Anti Mouse IgG (H/L) (STAR117...) Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

 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 'M390514:210915'

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