

Datasheet: MCA2666

Description:	MOUSE ANTI HUMAN C6
Specificity:	C6
Other names:	COMPLEMENT COMPONENT 6
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	056B-214.2.4.2
Isotype:	IgG1
Quantity:	0.1 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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
Immunohistology - Resin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting			▪	
Functional Assays			▪	

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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Borate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified human C6
External Database Links	<p>UniProt: P13671 CO6_HUMAN Related reagents</p> <p>Entrez Gene: 729 C6 Related reagents</p>

Specificity MCA2666 recognises complement component 6 (C6), a 104 kDa member of the complement C6/C7/C8/C9 family

present in blood serum. The factor I modules of C6 bind the C-terminus of the C5b alpha-chain, anchoring the molecule to the membrane; they also binds complement component 7. This enables the formation of the C5b-7 precursor complex. C5b-7 then functions as a receptor for components C8 and C9 which form the complement membrane attack complex (MAC). Deficiency of C6 results in susceptibility to bacterial infection.

MCA2666 recognises MAC.

Histology Positive Control Tissue

Kidney from post streptococcal glomerulonephritis patients

References

1. DiScipio, R. *et al.* (1999) Function of the Factor I modules (FIMS) of human complement component C6. [J. Biol. Chem. 274: 31811-31818.](#)

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.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet Documentation #10334 available at:
<http://www.abdserotec.com/uploads/MSDS/10334.pdf>

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#), [DyLight@649](#), [DyLight@800](#), [FITC](#), [HRP](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
HuCAL Anti Mouse IgG1 (HCA036...) [HRP](#)
Sheep Anti Mouse IgG (H/L) (AAC10...) [Biotin](#), [FITC](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000A\)](#)
[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)
[HISTAR DETECTION SYSTEM \(STAR3000C\)](#)

For research purposes only, unless otherwise specified in writing by AbD Serotec.

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AbD Serotec offices contact details click [here](#)

Address:

MorphoSys UK Ltd, Endeavour House, Langford
Business Park, Langford Lane, Kidlington,
Oxford, OX5 1GE, UK

Tel: +44 (0)1865 852700

Email: tech.uk@abdserotec.com

Web: www.abdserotec.com

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