

Datasheet: MCA2666

BATCH NUMBER 170508

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. 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			▪	
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 Related reagents</p> <p>Entrez Gene: 729 C6 Related reagents</p>
RRID	AB_2067310
Specificity	<p>Mouse anti Human C6 antibody, clone 056B-214.2.4.2 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.</p> <p>Mouse anti Human C6 antibody, clone 056B-214.2.4.2 recognises C6 as a component of the MAC.</p>
Histology Positive Control Tissue	Kidney from post streptococcal glomerulonephritis patients
References	1. DiScipio, R.G. <i>et al.</i> (1999) Function of the factor I modules (FIMS) of human complement component C6. J Biol Chem. 274 (45): 31811-8.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10334 available at: https://www.bio-rad-antibodies.com/SDS/MCA2666 10334
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...) [HRP](#)

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 (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Recommended Negative Controls

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

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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
'M362670:200526'

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