

## Datasheet: MCA2618

**BATCH NUMBER 166843**

<b>Description:</b>	MOUSE ANTI HUMAN FACTOR P
<b>Specificity:</b>	COMPLEMENT FACTOR P
<b>Other names:</b>	PROPERDIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	062-260 (10-24)
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from ascites
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Purified Human factor P from human serum.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P27918</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">5199</a>    CFP    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	PFC
<b>RRID</b>	AB_844543
<b>Specificity</b>	<p><b>Mouse anti Human complement factor P antibody, clone 062-260 (10-24)</b> recognises human complement factor P, a 53 kDa glycosylated protein present in serum. Factor P binds to microbial surfaces and binds and stabilizes the complement component 3- and complement component 5-convertase enzyme complexes. C3b then acts as an opsonin or initiates the complement pathway again creating a positive feedback loop which acts only on the bacterial cell, leaving the host cells unharmed. Deficiency of factor P makes the host more susceptible to bacterial infections, particularly to Neisseria species and meningococcal infections.</p> <p>Mouse anti Human complement factor P antibody, clone 10-24 does not inhibit function of complement factor P.</p>
<b>Histology Positive Control Tissue</b>	Kidney from post streptococcal glomerulonephritis patients
<b>Further Reading</b>	<ol style="list-style-type: none"> <li>Hourcade, D.E. (2006) The role of properdin in the assembly of the alternative pathway C3 convertases of complement. <a href="#">J Biol Chem. 281 (4): 2128-32.</a></li> <li>Jelezarova, E. <i>et al.</i> (2000) Interaction of C3b(2)--IgG complexes with complement proteins properdin, factor B and factor H: implications for amplification. <a href="#">Biochem J. 349 (Pt 1): 217-23.</a></li> </ol>
<b>Storage</b>	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10077 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2618">https://www.bio-rad-antibodies.com/SDS/MCA2618</a> 10077

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>

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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](https://bio-rad-antibodies.com/datasheets)

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**Printed on 18 Jan 2024**