

## Datasheet: MCA5801G

**BATCH NUMBER 170871**

<b>Description:</b>	MOUSE ANTI CORTISOL
<b>Specificity:</b>	CORTISOL
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	137.5A12F
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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	▪			1/1000 - 1/10000
Immunoprecipitation			▪	
Western Blotting			▪	

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 tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Carrier Free</b>	Yes

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml																				
<b>Immunogen</b>	Human Cortisol																				
<b>RRID</b>	AB_11203402																				
<b>Specificity</b>	<p><b>Mouse anti cortisol antibody, clone 137.5A12F</b>, recognizes cortisol, a glucocorticoid hormone involved in responses to stress.</p> <p>Cross reactivity was determined by competitive ELISA according to CLSI EP07A2 guidelines.</p> <table border="1"> <thead> <tr> <th>Amount of Prednisone added</th> <th>Cross reactivity</th> </tr> </thead> <tbody> <tr> <td>36,040 ng/mL</td> <td>0.05%</td> </tr> <tr> <td>3,604 ng/mL</td> <td>0.4%</td> </tr> <tr> <td>360 ng/mL</td> <td>0.8%</td> </tr> <tr> <td>36 ng/mL</td> <td>1.6%</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Amount of Prednisolone added</th> <th>Cross reactivity</th> </tr> </thead> <tbody> <tr> <td>36,040 ng/mL</td> <td>0.0%</td> </tr> <tr> <td>3,604 ng/mL</td> <td>0.2%</td> </tr> <tr> <td>360 ng/mL</td> <td>0.04%</td> </tr> <tr> <td>36 ng/mL</td> <td>4.0%</td> </tr> </tbody> </table>	Amount of Prednisone added	Cross reactivity	36,040 ng/mL	0.05%	3,604 ng/mL	0.4%	360 ng/mL	0.8%	36 ng/mL	1.6%	Amount of Prednisolone added	Cross reactivity	36,040 ng/mL	0.0%	3,604 ng/mL	0.2%	360 ng/mL	0.04%	36 ng/mL	4.0%
Amount of Prednisone added	Cross reactivity																				
36,040 ng/mL	0.05%																				
3,604 ng/mL	0.4%																				
360 ng/mL	0.8%																				
36 ng/mL	1.6%																				
Amount of Prednisolone added	Cross reactivity																				
36,040 ng/mL	0.0%																				
3,604 ng/mL	0.2%																				
360 ng/mL	0.04%																				
36 ng/mL	4.0%																				
<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>	12 months from date of despatch																				
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA5801G">https://www.bio-rad-antibodies.com/SDS/MCA5801G</a>																				
<b>Regulatory</b>	For research purposes only																				

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight®800</a>

Goat Anti Mouse IgG (STAR76...) [RPE](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Goat Anti Mouse IgG (STAR70...) [FITC](#)  
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 \(MCA928\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M381322:210512'

Printed on 29 Jan 2026

---

© 2026 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)