

## Datasheet: MCA5835G

<b>Description:</b>	MOUSE ANTI RAT LUTEINIZING HORMONE
<b>Specificity:</b>	LUTEINIZING HORMONE
<b>Other names:</b>	LH
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	157.10H10
<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	■			1/5000 - 1/50000
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>	Rat
<b>Species Cross Reactivity</b>	Reacts with: Dog, Human <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<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

**Immunogen** Rat luteinizing hormone.

---

**External Database**

**Links**

**UniProt:**

<a href="#">Q9XSW8</a>	<a href="#">Related reagents</a>
<a href="#">P18842</a>	<a href="#">Related reagents</a>
<a href="#">P01230</a>	<a href="#">Related reagents</a>
<a href="#">P11962</a>	<a href="#">Related reagents</a>
<a href="#">P01215</a>	<a href="#">Related reagents</a>
<a href="#">P01229</a>	<a href="#">Related reagents</a>

**Entrez Gene:**

<a href="#">403483</a>	CGA	<a href="#">Related reagents</a>
<a href="#">403959</a>	LHB	<a href="#">Related reagents</a>
<a href="#">1081</a>	CGA	<a href="#">Related reagents</a>
<a href="#">3972</a>	LHB	<a href="#">Related reagents</a>
<a href="#">25329</a>	Lhb	<a href="#">Related reagents</a>
<a href="#">116700</a>	Cga	<a href="#">Related reagents</a>

---

**Synonyms** Cga1

---

**Specificity** **Mouse anti Rat luteinizing hormone, clone 157.10H10**, recognizes rat luteinizing hormone, a gonadotrophic hormone found in the anterior lobe of the pituitary gland.

---

**References** 1. Dreessen, I.L.E. (2017) Development of a dog-specific Enzyme-Linked Immuno Sorbent Assay (ELISA) for detecting Luteinising Hormone (LH) and Follicle Stimulating Hormone (FSH) in plasma [Faculty of Veterinary Medicine Theses Utrecht University Repository](#)

---

**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.

---

**Guarantee** 18 months from date of despatch.

---

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

---

**Regulatory** For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
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>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>

Goat Anti Mouse IgG (STAR70...) [FITC](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@680](#),  
[DyLight@800](#), [FITC](#), [HRP](#)

## Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA1209\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

'M340446:190109'

Printed on 20 May 2019

---

© 2019 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)