

Datasheet: MCA5837G

**BATCH NUMBER 0112R**

<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>	176.9B7
<b>Isotype:</b>	IgG2b
<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
ELISA	▪			1/5000 - 1/50,000

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

Rat

### Species Cross Reactivity

Reacts with: Human, Dog  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Preparation

Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative

0.09% Sodium Azide (NaN<sub>3</sub>)

## Stabilisers

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**Carrier Free** Yes

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**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml

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**Immunogen** Rat luteinizing hormone.

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## External Database Links

### UniProt:

<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>
<a href="#">Q9XSW8</a>	<a href="#">Related reagents</a>
<a href="#">P18842</a>	<a href="#">Related reagents</a>

### Entrez Gene:

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

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**Synonyms** Cga1

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**Specificity** **Mouse anti Rat luteinizing hormone monoclonal antibody, clone 176.9B7** recognizes rat, human and canine luteinizing hormone, a gonadotrophic hormone found in the anterior lobe of the pituitary gland.

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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/MCA5837G>  
10040

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**Regulatory** For research purposes only

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## Related Products

## Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</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 (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</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)

'M368444:200529'

Printed on 25 Mar 2023

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