

## Datasheet: MCA5840G

<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>	176.1G6
<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
ELISA	■			1/2000 - 1/20,000

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.

<b>Target Species</b>	Rat
<b>Species Cross Reactivity</b>	Reacts with: Human, Dog <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 1.0 mg/ml
<b>Immunogen</b>	Rat luteinizing hormone.
<b>External Database Links</b>	<b>UniProt:</b>

<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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<b>Synonyms</b>	Cga1
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<b>Specificity</b>	<b>Mouse anti Rat luteinizing hormone, clone 176.1G6</b> recognizes rat, human and canine luteinizing hormone, a gonadotrophic hormone found in the anterior lobe of the pituitary gland.
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<b>Storage</b>	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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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## 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...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>

### Recommended Negative Controls

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

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