

## Datasheet: 2090-0351

<b>Description:</b>	SHEEP ANTI hCG (INTACT)
<b>Specificity:</b>	hCG (INTACT)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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	▪			1/500 - 1/1000
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 the 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 G
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0mg/ml
<b>Immunogen</b>	Native hCG.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01233</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01215</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p>

[1082](#) CGB [Related reagents](#)

[1081](#) CGA [Related reagents](#)

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**Synonyms**

CGB3

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**Specificity**

**Sheep anti Human chorionic gonadotrophin antibody** recognizes human chorionic gonadotrophin (hCG), a ~30 kDa hormone produced by placental syncytiotrophoblasts. hCG acts to maintain the corpus luteum until the developing placenta is able to produce the required levels of oestrogen and progesterone.

hCG shares a common alpha chain with the pituitary hormones FSH, TSH and LH, but has a unique beta chain. Sheep anti Human chorionic gonadotrophin antibody reacts with intact hCG.

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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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**Shelf Life**

18 months from date of despatch.

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**Health And Safety Information**

Material Safety Datasheet documentation available at:

Material Safety Datasheet Documentation #10040 available at:

<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),  
[FITC](#), [HRP](#)

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