

## Datasheet: 2090-0959

<b>Description:</b>	SHEEP ANTI hCG ALPHA
<b>Specificity:</b>	hCG ALPHA
<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
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			
Immunoprecipitation			■	
Western Blotting			■	
Radioimmunoassays	■			

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 Ig - liquid
<b>Preparation</b>	Purified Ig 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>	Ig concentration 5.0 mg/ml
<b>Immunogen</b>	Human chorionic gonadotrophin alpha subunit, prepared by dissociation of the intact molecule and purified to >95% by gel chromatography.

### External Database Links

#### UniProt:

[P01215](#)

[Related reagents](#)

**Entrez Gene:**

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

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<b>Specificity</b>	<p><b>Sheep anti hCG alpha antibody</b> recognizes the alpha subunit of human chorionic gonadotrophin (CG) and luteinizing hormone (LH). It is thought to react with alpha subunits of follicle stimulating hormone (FSH) and thyroid stimulating hormone (TSH).</p> <p>Human CG is a 39.5 kDa peptide hormone that is composed of one alpha and one beta subunit. The alpha subunit is identical to that of LH, TSH and FSH. CG is secreted by placental syncytiotrophoblasts and stimulates the ovaries to produce steroids that are essential to pregnancy.</p>
<b>Storage</b>	<p>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.</p>
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a></p>
<b>Regulatory</b>	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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