

Datasheet: 5184-2104

**BATCH NUMBER 160727**

<b>Description:</b>	RABBIT ANTI SHEEP IgG (H/L)
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 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
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			1/20,000 - 1/100,000
Immunoprecipitation	■			
Western Blotting	■			1/2,000 - 1/10,000
Immunodiffusion	■			

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>	Sheep
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by immuno affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	2.0 mg/ml

<b>Immunogen</b>	Sheep IgG, whole molecule
<b>RRID</b>	AB_618702
<b>Specificity</b>	<b>Rabbit anti-sheep IgG (H/L)</b> is specific for sheep IgG heavy and light chains. Immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, sheep IgG and sheep serum.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Hine, B.C. <i>et al.</i> (2010) Selective transport of IgE into ovine mammary secretions. <a href="#">Res Vet Sci. 89 (2): 184-90.</a></li> <li>2. Watt KA <i>et al.</i> (2016) Fecal antibody levels as a noninvasive method for measuring immunity to gastrointestinal nematodes in ecological studies. <a href="#">Ecol Evol. 6 (1): 56-67.</a></li> <li>3. Sparks, A.M. <i>et al.</i> (2019) The genetic architecture of helminth-specific immune responses in a wild population of Soay sheep (<i>Ovis aries</i>). <a href="#">PLoS Genet. 15 (11): e1008461.</a></li> <li>4. Sparks, A.M. <i>et al.</i> (2018) Natural Selection on Antihelminth Antibodies in a Wild Mammal Population. <a href="#">Am Nat. 192 (6): 745-60.</a></li> </ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/5184-2104">https://www.bio-rad-antibodies.com/SDS/5184-2104</a></p> <p>10040</p>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M363229:200528'

Printed on 05 Apr 2024

