

Datasheet: 5184-2104

BATCH NUMBER 171120

Description:	RABBIT ANTI SHEEP IgG (H/L)
Specificity:	IgG (H/L)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Sheep
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by immuno affinity chromatography
Buffer Solution	0.02M Potassium Phosphate 0.15M Sodium Chloride
Preservative Stabilisers	0.01% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	2.0 mg/ml

Immunogen	Sheep IgG, whole molecule
RRID	AB_618702
Specificity	Rabbit anti-sheep IgG (H/L) 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.
References	<ol style="list-style-type: none"> Hine, B.C. <i>et al.</i> (2010) Selective transport of IgE into ovine mammary secretions. Res Vet Sci. 89 (2): 184-90. Watt KA <i>et al.</i> (2016) Fecal antibody levels as a noninvasive method for measuring immunity to gastrointestinal nematodes in ecological studies. Ecol Evol. 6 (1): 56-67. 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>). PLoS Genet. 15 (11): e1008461. Sparks, A.M. <i>et al.</i> (2018) Natural Selection on Antihelminth Antibodies in a Wild Mammal Population. Am Nat. 192 (6): 745-60. Ravindran, S. <i>et al.</i> (2024) No correlative evidence of costs of infection or immunity on leucocyte telomere length in a wild population of Soay sheep. Proc Biol Sci. 291 (2020): 20232946.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20476 available at: https://www.bio-rad-antibodies.com/SDS/5184-2104
Regulatory	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 \(STAR209P\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

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

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