

## Datasheet: 5104-2004

<b>Description:</b>	GOAT ANTI HUMAN IgA ALPHA CHAIN
<b>Specificity:</b>	IgA ALPHA CHAIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			
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 Ig - liquid
<b>Preparation</b>	Purified Ig prepared by immuno affinity chromatography
<b>Buffer Solution</b>	0.02M Potassium Phosphate 0.15M Sodium Chloride
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Ig concentration 1.0 mg/ml
<b>Immunogen</b>	Highly purified human IgA alpha-chain.

**External Database  
Links**

**UniProt:**

[P01876](#)    [Related reagents](#)  
[P01877](#)    [Related reagents](#)

**Entrez Gene:**

[3493](#) IGHA1    [Related reagents](#)  
[3494](#) IGHA2    [Related reagents](#)

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**RRID**                    AB\_620019

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**Specificity**            **Goat anti Human IgA alpha chain antibody** recognizes the alpha chain of human immunoglobulin A.

Goat anti Human IgA alpha chain antibody has been cross-adsorbed to minimise cross-reactivity with other human immunoglobulin subclasses.

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**References**

1. Lantto, J. *et al.* (2011) Capturing the natural diversity of the human antibody response against vaccinia virus. [J Virol. 85 \(4\): 1820-33.](#)
2. Gerretsen, H.E. *et al.* (2018) Antibodies in lymphocyte supernatants can distinguish between neutralising antibodies induced by RSV vaccination and pre-existing antibodies induced by natural infection. [Vaccine. 36 \(46\): 6988-94.](#)

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**Storage**                    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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee**                    12 months from date of despatch

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**Health And Safety  
Information**                Material Safety Datasheet documentation #20476 available at:  
<https://www.bio-rad-antibodies.com/SDS/5104-2004>  
20476

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**Regulatory**                    For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**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)

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