

Datasheet: 5104-2004

BATCH NUMBER 158152

Description:	GOAT ANTI HUMAN IgA ALPHA CHAIN
Specificity:	IgA ALPHA CHAIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified Ig - liquid
Preparation	Purified Ig 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	Ig concentration 1.0 mg/ml
Immunogen	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](#)

RRID AB_620019

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.

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.](#)

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.

Guarantee 12 months from date of despatch

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

Regulatory For research purposes only

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

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

 Email: 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

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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