

Datasheet: 5104-2404

Description:	GOAT ANTI HUMAN IgA:HRP
Specificity:	IgA ALPHA CHAIN
Format:	HRP
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	▪			1/500 - 1/3000
Immunohistology - Paraffin			▪	
ELISA	▪			1/1000 - 1/50000
Western Blotting	▪			1/1000 - 1/5000

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 IgG conjugated to Horseradish Peroxidase (HRP) - lyophilized
Reconstitution	Reconstitute with 1.0ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Purified Ig prepared by immunoaffinity isolation on an agarose column
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Gentamicin Sulphate 1% Bovine Serum Albumin
Approx. Protein Concentrations	1.0 mg/ml after reconstitution

Immunogen	Highly purified human IgA alpha-chain.
External Database Links	<p>UniProt:</p> <p>P01876 Related reagents</p> <p>P01877 Related reagents</p> <p>Entrez Gene:</p> <p>3493 IGHA1 Related reagents</p> <p>3494 IGHA2 Related reagents</p>
RRID	AB_619879
Specificity	<p>Goat anti Human IgA alpha chain antibody recognizes the alpha chain of human immunoglobulin A.</p> <p>Goat anti Human IgA alpha chain antibody has been cross-adsorbed to minimise cross-reactivity with other human immunoglobulin subclasses.</p>
References	<p>1. Lantto, J. <i>et al.</i> (2011) Capturing the natural diversity of the human antibody response against vaccinia virus. J Virol. 85 (4): 1820-33.</p> <p>2. Gerretsen, H.E. <i>et al.</i> (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.</p>
Storage	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at -20°C.</p> <p>Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5104-2404</p> <p>10482</p>
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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)

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

'M420405:230706'

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

Printed on 18 Jan 2024

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