

Datasheet: 913008

Description:	MOUSE ANTI HUMAN IgA1 ALPHA 1 CHAIN:Biotin
Specificity:	IgA1
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	B3506B4
Isotype:	IgG1
Quantity:	0.5 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
ELISA	▪			
Western Blotting	▪			
Immunoblotting	▪			

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 appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to Biotin - liquid
Preparation	Purified IgG prepared from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Human IgA1 heavy chains.

External Database**Links****UniProt:**

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

Entrez Gene:

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

RRID

AB_616707

Specificity

Mouse anti Human IgA1 antibody, clone B3506B4 recognizes the Fc portion of the heavy chain of human IgA1 as demonstrated by ELISA.

References

1. Zhao, Y.F. *et al.* (2017) Pathogenic role of glycan-specific IgG antibodies in IgA nephropathy. [BMC Nephrol. 18 \(1\): 301.](#)
2. Li, G. *et al.* (2019) Serum Levels of Joining Chain-Containing IgA1 Are Not Elevated in Patients with IgA Nephropathy. [Dis Markers. 2019: 9802839.](#)

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

Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/913008>
10040

Regulatory

For research purposes only

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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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