

Datasheet: 913008

BATCH NUMBER 158072

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

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee Guaranteed until date of expiry. Please see product label.

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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