

Datasheet: 913001

**BATCH NUMBER 170291**

<b>Description:</b>	MOUSE ANTI HUMAN IgA1 ALPHA 1 CHAIN
<b>Specificity:</b>	IgA1
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	B3506B4
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared from tissue culture supernatant
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Human IgA1 heavy chains.

<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P01876</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">3493</a> IGHA1 <a href="#">Related reagents</a>
<b>RRID</b>	AB_620166
<b>Specificity</b>	<b>Mouse anti Human IgA1 antibody, clone B3506B4</b> recognizes the Fc portion of the heavy chain of human IgA1 as demonstrated by ELISA.
<b>References</b>	1. Zhao, Y.F. <i>et al.</i> (2017) Pathogenic role of glycan-specific IgG antibodies in IgA nephropathy. <a href="#">BMC Nephrol. 18 (1): 301.</a> 2. Li, G. <i>et al.</i> (2019) Serum Levels of Joining Chain-Containing IgA1 Are Not Elevated in Patients with IgA Nephropathy. <a href="#">Dis Markers. 2019: 9802839.</a>
<b>Storage</b>	Store at -20°C only. 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.
<b>Guarantee</b>	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10123 available at: <a href="https://www.bio-rad-antibodies.com/SDS/913001">https://www.bio-rad-antibodies.com/SDS/913001</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>

### Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M437845:250319'

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