# Datasheet: 913004

## BATCH NUMBER 167106

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| **Description:** | MOUSE ANTI HUMAN IgA1 ALPHA 1 CHAIN:Alk. Phos. |
| **Specificity:** | IgA1 |
| **Format:** | Alk. Phos. |
| **Product Type:** | Monoclonal Antibody |
| **Clone:** | B3506B4 |
| **Isotype:** | IgG1 |
| **Quantity:** | 1 ml |

## 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 | ▪ | | | |
| 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.

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| **Target Species** | Human |
| **Product Form** | Purified IgG conjugated to Alkaline Phosphatase - liquid |
| **Preparation** | Purified IgG prepared from ascites |
| **Buffer Solution** | TRIS buffered saline, 1mM MgCl2 |
| **Preservative Stabilisers** | <0.1% Sodium Azide ($NaN_3$)<br>50% Glycerol |
| **Immunogen** | Human IgA1 heavy chains. |
| **External Database Links** | **UniProt:** |

P01876 Related reagents

**Entrez Gene:**

3493 IGHA1 Related reagents

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| **RRID** | AB_619811 |
| **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.<br>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.<br><br>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 #10322 available at:<br>https://www.bio-rad-antibodies.com/SDS/913004<br>10322 |
| **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

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