

## Datasheet: AHP1323P

|                      |                              |
|----------------------|------------------------------|
| <b>Description:</b>  | GOAT ANTI HUMAN IgG (Fc):HRP |
| <b>Specificity:</b>  | IgG (Fc)                     |
| <b>Format:</b>       | HRP                          |
| <b>Product Type:</b> | Polyclonal Antibody          |
| <b>Isotype:</b>      | Polyclonal IgG               |
| <b>Quantity:</b>     | 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](http://www.bio-rad-antibodies.com/protocols).

|                            | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry             |     |    | ▪              |                    |
| Immunohistology - Frozen   | ▪   |    |                | 1/500              |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                | 1/10000            |
| Immunoprecipitation        |     |    | ▪              |                    |
| Western Blotting           | ▪   |    |                | 1/1000             |
| Functional Assays          |     |    | ▪              |                    |

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 conjugated to Horseradish Peroxidase (HRP) - liquid   |
| <b>Antiserum Preparation</b>              | Antisera to human IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG prepared by affinity chromatography. |
| <b>Buffer Solution</b>                    | Phosphate buffered saline  |
| <b>Preservative<br/>Stabilisers</b>       | 0.005% Gentamicin sulfate<br>1% Bovine Serum Albumin   |
| <b>Approx. Protein<br/>Concentrations</b> | IgG concentration 1.0 mg/ml  |

**Immunogen** Human IgG (Fc) fragment.

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**External Database**

**Links**

**UniProt:**

[P01860](#) [Related reagents](#)  
[P01857](#) [Related reagents](#)  
[P01859](#) [Related reagents](#)  
[P01861](#) [Related reagents](#)

**Entrez Gene:**

[3502](#) IGHG3 [Related reagents](#)  
[3500](#) IGHG1 [Related reagents](#)  
[3501](#) IGHG2 [Related reagents](#)  
[3503](#) IGHG4 [Related reagents](#)

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**RRID** AB\_877442

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**Specificity** **Goat anti Human IgG (Fc) antibody** recognizes the Fc portion of human IgG. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-Goat Serum, Human IgG, Human IgG (Fc) and Human Serum. No reaction was observed against human IgG F(ab')<sub>2</sub>.

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**References**

1. Banerjee, K. *et al.* (2010) IgG subclass profiles in infected HIV type 1 controllers and chronic progressors and in uninfected recipients of Env vaccines. [AIDS Res Hum Retroviruses. 26: 445-58.](#)
2. Papachristos, A. *et al.* (2020) Correlation Between Bevacizumab Exposure and Survival in Patients with Metastatic Colorectal Cancer. [Oncologist. 25\(10\):853-8](#)

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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10115 available at: <https://www.bio-rad-antibodies.com/SDS/AHP1323P>  
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**Regulatory** For research purposes only

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## 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+ \(BUF054A\)](#)

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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://bio-rad-antibodies.com/datasheets)

'M428144:240301'

**Printed on 04 Apr 2024**

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