

Datasheet: AHP1323P

BATCH NUMBER 172692

Description:	GOAT ANTI HUMAN IgG (Fc):HRP
Specificity:	IgG (Fc)
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Human

Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation

Antisera to human IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.005% Gentamicin sulfate
1% Bovine Serum Albumin

Approx. Protein

IgG concentration 1.0 mg/ml

Concentrations

Immunogen Human IgG (Fc) fragment.

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](#)

RRID AB_877442

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')₂.

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.

Guarantee 12 months from date of despatch

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

Regulatory For research purposes only

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+ \(BUF054A\)](#)

Product inquiries: 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

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