

Datasheet: 5172-2504

**BATCH NUMBER 148712**

<b>Description:</b>	GOAT ANTI HUMAN IgG (H/L):HRP
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 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	■			1/1,000 - 1/5,000
Immunohistology - Paraffin			■	
ELISA	■			1/25,000 - 1/100,000
Western Blotting	■			1/2,000 - 1/10,000

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 the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilised

<b>Reconstitution</b>	Reconstitute with 1ml deionised water. For extended storage aliquot and freeze.
-----------------------	---

**Antiserum Preparation** Goat anti Human IgG antibody was prepared from monospecific antiserum by immunoaffinity chromatography with human IgG coupled to agarose beads followed by solid phase adsorption to remove unwanted cross reactivity.

<b>Buffer Solution</b>	Phosphate buffered saline
------------------------	---------------------------

<b>Preservative</b>	0.01% Gentamicin sulphate
<b>Stabilisers</b>	1% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	Ig concentration 2.0 mg/ml
<b>Immunogen</b>	Human IgG, whole molecule.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01859</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01860</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01861</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01834</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01857</a>      <a href="#">Related reagents</a></p> <p><a href="#">P0CG04</a>      <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">3501</a>      IGHG2      <a href="#">Related reagents</a></p> <p><a href="#">3502</a>      IGHG3      <a href="#">Related reagents</a></p> <p><a href="#">3500</a>      IGHG1      <a href="#">Related reagents</a></p> <p><a href="#">3503</a>      IGHG4      <a href="#">Related reagents</a></p> <p><a href="#">3514</a>      IGKC      <a href="#">Related reagents</a></p> <p><a href="#">28815</a>      IGLV2-14      <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_619882
<b>Specificity</b>	<b>Goat anti Human IgG antibody</b> is specific for Human IgG. Assay by IEP resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, human IgG and human serum.
<b>Storage</b>	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at -20°C.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of reconstitution.
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10482 available at:</p> <p><a href="https://www.bio-rad-antibodies.com/SDS/5172-2504">https://www.bio-rad-antibodies.com/SDS/5172-2504</a></p> <p>10482</p>
<b>Regulatory</b>	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+ \(BUF054A\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

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)  
'M339250:181219'

Printed on 18 Jan 2024

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)