

## Datasheet: 5172-2504

<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>	<b>UniProt:</b>

[P01859](#)    [Related reagents](#)  
[P01860](#)    [Related reagents](#)  
[P01861](#)    [Related reagents](#)  
[P01834](#)    [Related reagents](#)  
[P01857](#)    [Related reagents](#)  
[P0CG04](#)    [Related reagents](#)

**Entrez Gene:**

[3501](#)    IGHG2    [Related reagents](#)  
[3502](#)    IGHG3    [Related reagents](#)  
[3500](#)    IGHG1    [Related reagents](#)  
[3503](#)    IGHG4    [Related reagents](#)  
[3514](#)    IGKC    [Related reagents](#)  
[28815](#)    IGLV2-14    [Related reagents](#)

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**Specificity**            **Goat anti Human IgG antibody** 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.

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**Storage**                Prior to reconstitution store at +4°C.  
After reconstitution store at -20°C.  
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.

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**Shelf Life**             12 months from date of reconstitution.

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**Health And Safety Information**    Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10482 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10482.pdf>

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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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