

## Datasheet: STAR90P

**BATCH NUMBER 168703**

<b>Description:</b>	GOAT ANTI HUMAN IgG/A/M:HRP
<b>Specificity:</b>	IgG IgA IgM
<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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/50,000
Western Blotting	▪			1/1,000 - 1/5,000

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Does not react with:Mouse
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilized
<b>Reconstitution</b>	Reconstitute with 2ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
<b>Antiserum Preparation</b>	Antisera to human Ig were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.01% gentamicin sulphate 1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml after reconstitution
<b>Immunogen</b>	Human IgG, IgA and IgM whole molecules
<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="#">P01857</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01861</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01876</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01877</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01871</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="#">3493</a>    IGHA1    <a href="#">Related reagents</a></p> <p><a href="#">3494</a>    IGHA2    <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="#">3507</a>    IGHM    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_323826
<b>Specificity</b>	<b>Goat anti Human IgG/A/M antibody</b> recognizes human Ig, binding to all major classes (IgG, IgA, IgM).
<b>References</b>	<ol style="list-style-type: none"> <li>Lierz, M. <i>et al.</i> (2008) Avian Mycoplasma lipofaciens transmission to veterinarian. <a href="#">Emerg Infect Dis. 14: 1161-3.</a></li> <li>Vidyarthi, A. <i>et al.</i> (2017) Antibody response against PhoP efficiently discriminates among healthy individuals, tuberculosis patients and their contacts. <a href="#">PLoS One. 12 (3): e0173769.</a></li> <li>Jaki, T. <i>et al.</i> (2016) A false sense of security? Can tiered approach be trusted to accurately classify immunogenicity samples? <a href="#">J Pharm Biomed Anal. 128: 166-73.</a></li> </ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature. Prior to reconstitution store at +4°C. After reconstitution it is recommended to 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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>

<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10482 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR90P">https://www.bio-rad-antibodies.com/SDS/STAR90P</a>
<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+ \(BUF054A\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)

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