

Datasheet: STAR90P

BATCH NUMBER 131014

Description:	GOAT ANTI HUMAN IgG/A/M:HRP
Specificity:	IgG IgA IgM
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Human

Species Cross Reactivity

Does not react with:Mouse

Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilised

Reconstitution

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.

Antiserum Preparation

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

Buffer Solution

Phosphate buffered saline

Preservative	0.01% gentamicin sulphate
Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	Human IgG, IgA and IgM whole molecules
External Database Links	<p>UniProt:</p> <p>P01859 Related reagents</p> <p>P01860 Related reagents</p> <p>P01857 Related reagents</p> <p>P01861 Related reagents</p> <p>P01876 Related reagents</p> <p>P01877 Related reagents</p> <p>P01871 Related reagents</p> <p>Entrez Gene:</p> <p>3501 IGHG2 Related reagents</p> <p>3502 IGHG3 Related reagents</p> <p>3493 IGHA1 Related reagents</p> <p>3494 IGHA2 Related reagents</p> <p>3500 IGHG1 Related reagents</p> <p>3503 IGHG4 Related reagents</p> <p>3507 IGHM Related reagents</p>
Specificity	Goat anti Human IgG/A/M antibody recognizes human Ig, binding to all major classes (IgG, IgA, IgM).
References	<ol style="list-style-type: none"> Lierz, M. <i>et al.</i> (2008) Avian Mycoplasma lipofaciens transmission to veterinarian. Emerg Infect Dis. 14: 1161-3. Vidyarthi, A. <i>et al.</i> (2017) Antibody response against PhoP efficiently discriminates among healthy individuals, tuberculosis patients and their contacts. PLoS One. 12 (3): e0173769. Jaki, T. <i>et al.</i> (2016) A false sense of security? Can tiered approach be trusted to accurately classify immunogenicity samples? J Pharm Biomed Anal. 128: 166-73.
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</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>

Guarantee	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation available at: https://www.bio-rad-antibodies.com/SDS/STAR90P Material Safety Datasheet Documentation #10115 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10115.pdf
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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