

Datasheet: STAR90P

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 Stabilisers	0.01% gentamicin sulphate 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**

UniProt:

P01859	Related reagents
P01860	Related reagents
P01857	Related reagents
P01861	Related reagents
P01876	Related reagents
P01877	Related reagents
P01871	Related reagents

Entrez Gene:

3501	IGHG2	Related reagents
3502	IGHG3	Related reagents
3493	IGHA1	Related reagents
3494	IGHA2	Related reagents
3500	IGHG1	Related reagents
3503	IGHG4	Related reagents
3507	IGHM	Related reagents

Specificity **Goat anti Human IgG/A/M antibody** recognizes human Ig, binding to all major classes (IgG, IgA, IgM).

References

1. Lierz, M. *et al.* (2008) Avian Mycoplasma lipofaciens transmission to veterinarian. [Emerg Infect Dis. 14: 1161-3.](#)
2. Vidyarthi, A. *et al.* (2017) Antibody response against PhoP efficiently discriminates among healthy individuals, tuberculosis patients and their contacts. [PLoS One. 12 \(3\): e0173769.](#)
3. Jaki, T. *et al.* (2016) A false sense of security? Can tiered approach be trusted to accurately classify immunogenicity samples? [J Pharm Biomed Anal. 128: 166-73.](#)

Storage Prior to reconstitution store at +4°C. Following reconstitution store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

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.

Shelf Life 12 months from date of reconstitution.

**Health And Safety
Information** Material Safety Datasheet documentation #10115 available at:
10115: <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+ \(BUF054A\)](#)

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