

Datasheet: STAR126P

Description:	GOAT ANTI HUMAN IgG F(ab') ₂ :HRP
Specificity:	IgG F(ab') ₂
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 ml

Product Details

RRID AB_1605087

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
ELISA	▪			1/1000 - 1/10000
Western Blotting	▪			1/1000 - 1/10000

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 appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Preparation Purified IgG prepared by affinity chromatography

Buffer Solution Phosphate buffered saline

Preservative 0.01% Thiomersal
Stabilisers 1% Bovine Serum Albumin

Approx. Protein Concentrations 0.5 mg/ml

Immunogen Human IgG F(ab')₂

External Database Links

UniProt:

[P01834](#) [Related reagents](#)
[P0CG04](#) [Related reagents](#)

Entrez Gene:

[3514](#) IGKC [Related reagents](#)

Specificity **Goat anti Human IgG F(ab')₂ antibody** recognizes Fab and F(ab')₂ portion of human IgG by IEP. It reacts with other human immunoglobulins through common light chain reactivity.

Goat anti Human IgG F(ab')₂ antibody demonstrates minimal cross reactivity with bovine, horse and mouse IgG; other species have not been tested.

No reactivity is seen with the Fc portion of human IgG or non-immunoglobulin serum proteins.

This antibody is a performance tested, matched reagent for use with Bio-Rad HuCAL antibodies.

References

1. Whelan, A.O. *et al.* (2011) Development of an Antibody to Bovine IL-2 Reveals Multifunctional CD4 T(EM) Cells in Cattle Naturally Infected with Bovine Tuberculosis. [PLoS One. 6: e29194.](#)
2. Back, J.W. *et al.* (2012) Selecting highly structure-specific antibodies using structured synthetic mimics of the cystine knot protein sclerostin. [Protein Eng Des Sel. 25: 251-9.](#)
3. Eriksson, O. *et al.* (2017) Pancreatic imaging using an antibody fragment targeting the zinc transporter type 8: a direct comparison with radio-iodinated Exendin-4. [Acta Diabetol. Oct 24 \[Epub ahead of print\].](#)

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10095 available at:
10095: <https://www.bio-rad-antibodies.com/uploads/MSDS/10095.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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