

## Datasheet: STAR126B

<b>Description:</b>	GOAT ANTI HUMAN IgG F(ab') <sub>2</sub> :BIOTIN
<b>Specificity:</b>	IgG F(ab') <sub>2</sub>
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 mg

## Product Details

**RRID** AB\_961503

**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	▪			1/200 - 1/1000
Immunohistology - Frozen	▪			1/200 - 1/1000
Immunohistology - Paraffin			▪	
ELISA	▪			1/1,000 - 1/10,000
Western Blotting	▪			1/1,000 - 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.

**Target Species** Human

**Product Form** Purified IgG conjugated to Biotin - liquid

**Preparation** Purified IgG prepared by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative** 0.09% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 1.5% Bovine Serum Albumin.

**Approx. Protein Concentrations** 1.0 mg/ml

**Immunogen** Human IgG F(ab')<sub>2</sub>

**External Database Links**

**UniProt:**  
[P01834](#)    [Related reagents](#)  
[P0CG04](#)    [Related reagents](#)

**Entrez Gene:**

[3514](#) IGKC [Related reagents](#)  
[28815](#) IGLV2-14 [Related reagents](#)

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

Goat anti Human IgG F(ab')<sub>2</sub> 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.**

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**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 \[Epub ahead of print\].](#)

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**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.

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**Guarantee**

18 months from date of despatch.

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**Health And Safety Information**

Material Safety Datasheet documentation #10041 available at:  
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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'M352942:190408'

**Printed on 11 Oct 2019**