

Datasheet: STAR126B

Description:	GOAT ANTI HUMAN IgG F(ab') ₂ :BIOTIN
Specificity:	IgG F(ab') ₂
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 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	▪			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 ₃)
Stabilisers	1.5% Bovine Serum Albumin.
Approx. Protein Concentrations	1.0 mg/ml
Immunogen	Human IgG F(ab') ₂
External Database Links	<p>UniProt:</p> <p>P01834 Related reagents</p> <p>P0CG04 Related reagents</p> <p>Entrez Gene:</p>

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

[28815](#) IGLV2-14 [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.

Shelf Life

18 months from date of despatch.

Health And Safety Information

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

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

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

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

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