

## Datasheet: STAR126

**BATCH NUMBER 174106**

<b>Description:</b>	GOAT ANTI HUMAN IgG F(ab') <sub>2</sub>
<b>Specificity:</b>	IgG F(ab') <sub>2</sub>
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	

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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	1.0 mg/ml
<b>Immunogen</b>	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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**RRID**                    AB\_1102648

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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. Eriksson, 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 \(12\): 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.* (2018) Pancreatic imaging using an antibody fragment targeting the zinc transporter type 8: a direct comparison with radio-iodinated Exendin-4. [Acta Diabetol. 55 \(1\): 49-57.](#)
4. Wege, A.K. *et al.* (2020) A novel rabbit derived anti-HER2 antibody with pronounced therapeutic effectiveness on HER2-positive breast cancer cells *in vitro* and in humanized tumor mice (HTM). [J Transl Med. 18 \(1\): 316.](#)
5. Suskiewicz, M.J. *et al.* (2019) Structure of McsB, a protein kinase for regulated arginine phosphorylation. [Nat Chem Biol. 15 \(5\): 510-518.](#)
6. Hentrich, C. *et al.* (2024) Engineered reversible inhibition of SpyCatcher reactivity enables rapid generation of bispecific antibodies. [Nat Commun. 15 \(1\): 5939.](#)
7. Bonfiglio, J.J. *et al.* (2020) An HPF1/PARP1-Based Chemical Biology Strategy for Exploring ADP-Ribosylation. [Cell. 183 \(4\): 1086-1102.e23.](#)

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**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR126">https://www.bio-rad-antibodies.com/SDS/STAR126</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)  
'M428657:240301'

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