

# Datasheet: STAR126F

**BATCH NUMBER 163013**

<b>Description:</b>	GOAT ANTI HUMAN IgG F(ab') <sub>2</sub> :FITC
<b>Specificity:</b>	IgG F(ab') <sub>2</sub>
<b>Format:</b>	FITC
<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	▪			1/50 - 1/200
Immunohistology - Frozen	▪			1/50 - 1/200
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/50 - 1/200

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>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG prepared by affinity chromatography.		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )		
<b>Stabilisers</b>	1.5% Bovine Serum Albumin		

Approx. Protein Concentrations	1.0 mg/ml
Immunogen	Human IgG F(ab') <sub>2</sub>
External Database Links	<p><b>UniProt:</b></p> <p><a href="#">P01834</a>      <a href="#">Related reagents</a></p> <p><a href="#">P0CG04</a>      <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">3514</a>    IGKC      <a href="#">Related reagents</a></p> <p><a href="#">28815</a>    IGLV2-14      <a href="#">Related reagents</a></p>
RRID	AB_1102647
Specificity	<p><b>Goat anti Human IgG F(ab')<sub>2</sub> antibody</b> 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.</p> <p>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.</p> <p>No reactivity is seen with the Fc portion of human IgG or non-immunoglobulin serum proteins.</p> <p><b>This antibody is a performance tested, matched reagent for use with Bio-Rad HuCAL antibodies.</b></p>
References	<ol style="list-style-type: none"> <li>1. Eriksson, O. <i>et al.</i> (2011) Development of an antibody to bovine IL-2 reveals multifunctional CD4 T(EM) cells in cattle naturally infected with bovine tuberculosis. <a href="#">PLoS One. 6 (12): e29194.</a></li> <li>2. Back, J.W. <i>et al.</i> (2012) Selecting highly structure-specific antibodies using structured synthetic mimics of the cystine knot protein sclerostin. <a href="#">Protein Eng Des Sel. 25: 251-9.</a></li> <li>3. Eriksson, O. <i>et al.</i> (2017) Pancreatic imaging using an antibody fragment targeting the zinc transporter type 8: a direct comparison with radio-iodinated Exendin-4. <a href="#">Acta Diabetol. Oct 24 [Epub ahead of print].</a></li> <li>4. Wege, A.K. <i>et al.</i> (2020) A novel rabbit derived anti-HER2 antibody with pronounced therapeutic effectiveness on HER2-positive breast cancer cells <i>in vitro</i> and in humanized tumor mice (HTM). <a href="#">J Transl Med. 18 (1): 316.</a></li> <li>5. Suskiewicz, M.J. <i>et al.</i> (2019) Structure of McsB, a protein kinase for regulated arginine phosphorylation. <a href="#">Nat Chem Biol. 15 (5): 510-518.</a></li> </ol>
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>

<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR126F10041">https://www.bio-rad-antibodies.com/SDS/STAR126F10041</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

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

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M389786:210806'

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