

Datasheet: STAR126F

BATCH NUMBER 154103

Description:	GOAT ANTI HUMAN IgG F(ab') ₂ :FITC
Specificity:	IgG F(ab') ₂
Format:	FITC
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	▪			1/50 - 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.

Target Species	Human		
Product Form	Purified IgG - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
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> <p>3514 IGKC Related reagents</p> <p>28815 IGLV2-14 Related reagents</p>
RRID	AB_1102647
Specificity	<p>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.</p> <p>Goat anti Human IgG F(ab')₂ 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>This antibody is a performance tested, matched reagent for use with Bio-Rad HuCAL antibodies.</p>
References	<ol style="list-style-type: none"> 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. PLoS One. 6 (12): e29194. 2. Back, J.W. <i>et al.</i> (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. <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. Acta Diabetol. Oct 24 [Epub ahead of print]. 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). J Transl Med. 18 (1): 316.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/STAR126F10041>

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

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

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

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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
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