

Datasheet: STAR126TRC

BATCH NUMBER 166847

Description:	GOAT ANTI HUMAN IgG F(ab') ₂ :TRITC
Specificity:	IgG F(ab') ₂
Format:	TRITC
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)
TRITC	557	576

Preparation

Purified IgG prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

<0.1% Sodium Azide (NaN₃)
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_1102646
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> (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. <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. 5. Suskiewicz, M.J. <i>et al.</i> (2019) Structure of McsB, a protein kinase for regulated arginine phosphorylation. Nat Chem Biol. 15 (5): 510-518.
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>

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/STAR126TRC>
10041

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](https://www.bio-rad-antibodies.com/datasheets)

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