Datasheet: STAR126

BATCH NUMBER 175187

Description:	GOAT ANTI HUMAN IgG F(ab')2
Specificity:	IgG F(ab')2
Format:	Purified
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			▪	
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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN_3)
Approx. Protein Concentrations	1.0 mg/ml
Immunogen	Human IgG F(ab')2

External Database Links	**UniProt:** P01834 Related reagents P0CG04 Related reagents **Entrez Gene:** 3514 IGKC Related reagents 28815 IGLV2-14 Related reagents
RRID	AB_1102648
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. 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.
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.

Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/STAR126
Regulatory	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

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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