

Datasheet: STAR126A

BATCH NUMBER 147608

Description:	GOAT ANTI HUMAN IgG F(ab') ₂ :Alk. Phos
Specificity:	IgG F(ab') ₂
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 ml

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
ELISA	▪			1/1000 - 1/10000
Western Blotting	▪			1/1000 - 1/10000

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 appropriate negative/positive controls.

Target Species	Human
Product Form	Purified Ig conjugated to Alkaline Phosphatase - liquid
Preparation	Purified Ig prepared by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.05% Sodium Azide (NaN ₃)
Stabilisers	1.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.6mg/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_1605086

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.

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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.* (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. *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.](#)

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10058 available at: <https://www.bio-rad-antibodies.com/SDS/STAR126A10058>

Regulatory For research purposes only

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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