

## Datasheet: STAR126A

<b>Description:</b>	GOAT ANTI HUMAN IgG F(ab') <sub>2</sub> :Alk. Phos
<b>Specificity:</b>	IgG F(ab') <sub>2</sub>
<b>Format:</b>	Alk. Phos.
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified Ig conjugated to Alkaline Phosphatase - liquid
<b>Preparation</b>	Purified Ig prepared by affinity chromatography
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	0.05% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.6mg/ml
<b>Immunogen</b>	Human IgG F(ab') <sub>2</sub>

### External Database Links

#### UniProt:

[P01834](#)

[Related reagents](#)

**Entrez Gene:**

[3514](#) IGKC [Related reagents](#)

[28815](#) IGLV2-14 [Related reagents](#)

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**RRID** AB\_1605086

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**Specificity** **Goat anti Human IgG F(ab')<sub>2</sub> antibody** 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.

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.

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.](#)
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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10058 available at: 10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

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**Regulatory** For research purposes only

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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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**Printed on 18 May 2021**

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