

## Datasheet: STAR127F

<b>Description:</b>	GOAT ANTI HUMAN KAPPA LIGHT CHAIN:FITC
<b>Specificity:</b>	KAPPA LIGHT CHAIN
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat - 1/10
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
Immunofluorescence	▪			Neat - 1/10

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human		
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525

**Antiserum Preparation** Antisera to human kappa chains were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** <0.1% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml

Immunogen Human kappa light chain

#### External Database

##### Links

##### UniProt:

[P01834](#)

[Related reagents](#)

##### Entrez Gene:

[3514](#)

IGKC

[Related reagents](#)

##### RRID

AB\_1102713

##### Specificity

**Goat anti Human Kappa Light Chain antibody** recognizes human kappa light chains. This antibody has been cross absorbed against pooled human myeloma proteins with lambda light chains.

##### Flow Cytometry

Use 10ul of the suggested working dilution to label  $10^6$  cells in 100ul

##### References

1. Veisman, I. *et al.* (2021) Association of Infliximab and Vedolizumab Trough Levels with Reported Rates of Adverse Events: A Cross-Sectional Study. [J Clin Med. 10 \(18\): 4265.](#)
2. Ungar, B. *et al.* (2021) Dose optimisation for Loss of Response to Vedolizumab- Pharmacokinetics and Immune Mechanisms. [J Crohns Colitis. 15 \(10\): 1707-19.](#)
3. Levartovsky, A. *et al.* (2023) Do Vedolizumab trough Levels Predict the Outcome of Subsequent Therapy in Inflammatory Bowel Disease? [Biomedicines. 11 \(6\): 1553.](#)

##### 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. This product is photosensitive and should be protected from light.

##### Guarantee

Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

##### Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR127F>  
10040

##### Regulatory

For research purposes only

## Related Products

### Recommended Useful Reagents

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

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

North & South America Tel: +1 800 265 7376  
Fax: +1 919 878 3751

Worldwide Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739

Europe Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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