

## Datasheet: STAR127F

**BATCH NUMBER 156166**

|                      |                                        |
|----------------------|----------------------------------------|
| <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.

| <b>Target Species</b> | Human                                                                                                                                                                                                    |                   |                     |                   |      |     |     |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|-------------------|------|-----|-----|
| <b>Product Form</b>   | Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid                                                                                                                           |                   |                     |                   |      |     |     |
| <b>Max Ex/Em</b>      | <table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table> | Fluorophore       | Excitation Max (nm) | Emission Max (nm) | FITC | 490 | 525 |
| 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.

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| <b>Buffer Solution</b>                | Phosphate buffered saline             |
| <b>Preservative Stabilisers</b>       | 0.1% Sodium Azide (NaN <sub>3</sub> ) |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml           |

**Immunogen** Human kappa light chain

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**External Database**

**Links**

**UniProt:**

[P01834](#) [Related reagents](#)

**Entrez Gene:**

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

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**RRID** AB\_1102713

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**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.

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**Flow Cytometry** Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul

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**Storage** Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR127F>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Useful Reagents

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

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

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

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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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