

## Datasheet: STAR101FB

<b>Description:</b>	GOAT F(ab') <sub>2</sub> 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	▪			1/100 - 1/200
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human		
<b>Product Form</b>	F(ab') <sub>2</sub> fragments of purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - lyophilized		
<b>Reconstitution</b>	Reconstitute with 1.0 ml distilled water		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525

**Antiserum Preparation** Antisera to human kappa chains were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. F(ab')<sub>2</sub> fragments were prepared by pepsin digestion.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.01% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Human kappa chains.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P01834</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3514</a>    IGKC    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_999298
<b>Specificity</b>	<b>Goat F(ab')<sub>2</sub> anti Human Kappa Light Chain antibody</b> recognizes human kappa chains, and demonstrates <1% cross-reactivity with other human immunoglobulin classes or subclasses.
<b>Flow Cytometry</b>	Use 50ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.
<b>Storage</b>	<p>This product is shipped at ambient temperature. Prior to reconstitution store at +4°C. After reconstitution it is recommended to 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.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10224 available at: 10224: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10224.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10224.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

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

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

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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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