

Datasheet: STAR101FB

BATCH NUMBER 160886

Description:	GOAT F(ab') ₂ ANTI HUMAN KAPPA LIGHT CHAIN:FITC
Specificity:	KAPPA LIGHT CHAIN
Format:	FITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human		
Product Form	F(ab') ₂ fragments of purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - lyophilized		
Reconstitution	Reconstitute with 1.0 ml distilled water		
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 highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. F(ab')₂ fragments were prepared by pepsin digestion.

Buffer Solution Phosphate buffered saline

Preservative 0.01% Sodium Azide (NaN₃)

Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human kappa chains.
External Database Links	UniProt: P01834 Related reagents Entrez Gene: 3514 IGKC Related reagents
RRID	AB_999298
Specificity	Goat F(ab')₂ anti Human Kappa Light Chain antibody recognizes human kappa chains, and demonstrates <1% cross-reactivity with other human immunoglobulin classes or subclasses.
Flow Cytometry	Use 50ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
Storage	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. 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	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10224 available at: https://www.bio-rad-antibodies.com/SDS/STAR101FB
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

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

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

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