

Datasheet: STAR101FB

BATCH NUMBER 150941

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 (NaN ₃)

Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human kappa chains.
External Database Links	<p>UniProt: P01834 Related reagents</p> <p>Entrez Gene: 3514 IGKC Related reagents</p>
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	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10224 available at: https://www.bio-rad-antibodies.com/SDS/STAR101FB 10224</p>
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

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

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

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Printed on 01 Mar 2024

