

# Kappa Light Chain (F'ab 2 Polyclonal)



FITC	KF3-100T	100 test
PE	KPE3-100T	100 test
APC	KA3-100T	100 test



## 1. PRODUCT DESCRIPTION

- **Clone:** Polyclonal;
- **Isotype:** Rabbit F(ab')<sub>2</sub> IgG;
- **Tested application:** flow cytometry;
- **Immunogen:** Polyclonal immunoglobulin light chains of kappa type isolated from a pool of human sera for Rabbit Anti-Human Kappa Light Chains;
- **Species reactivity:** Human;
- **Storage instruction:** store in the dark at 2-8 °C;
- **Storage buffer:** aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN<sub>3</sub>);
- **Recommended usage:** Immunostep's kappa F'ab 2, is intended for simultaneous detection and enumeration of B lymphocytes bearing kappa light chains in peripheral blood using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 10 µl/10<sup>6</sup> cells;
- **Presentation:** liquid;
- **Source:** Supernatant proceeding from sera for Rabbit Anti-Human Kappa Light Chains;
- **Purification:** Affinity chromatography;

## 2. ANTIGEN DETAILS

**Large description:** The evaluation of cell surface Kappa/Lambda expression can identify clonally restricted B lymphocyte populations and thus can aide in the diagnosis of hematologic malignancy. Several B cell disorders are associated with decreased levels of Kappa/Lambda at the cell surface<sup>(1-4)</sup>.

## 3. WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

## 4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

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## 5. REFERENCES

1. Gandini D, Lanza F, Latorraca A, Levato F, Del Senno L, Castoldi G. Immunophenotypic and genotypic characterization of B-cell chronic lymphocytic leukemia patients from northern Italy. *Haematologica*1993 Jan-Feb;78(1):18-24.
2. Johnson A, Olofsson T. Flow cytometric clonal excess analysis of peripheral blood, routine handling, and pitfalls in interpretation. *Cytometry*1993;14(2):188-95.
3. Cartron G, Linassier C, Bremond JL, Desablens B, Georget MT, Fimbel B, et al. CD5 negative B-cell chronic lymphocytic leukemia: clinical and biological features of 42 cases. *Leuk Lymphoma*1998 Sep;31(1-2):209-16.
4. Braylan RC, Orfao A, Borowitz MJ, Davis BH. Optimal number of reagents required to evaluate hematolymphoid neoplasias: results of an international consensus meeting. *Cytometry*2001 Feb 15;46(1):23-7.

## 6. EXPLANATION OF SYMBOLS

	Fluorochrome
	Product reference
	Content for <n> analysis
	Regulatory Status
	Research Use Only
	Manufacturer

## 7. MANUFACTURED BY: IMMUNOSTEP S.L.



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