

# IO Test Conjugated Antibody Anti-Lambda-PC7 (Goat Polyclonal)

	Specifications
Specificity	LAMBDA
Clone	Polyclonal Goat Anti-Human Lambda
Hybridoma	N/A (polyclonal)
Immunogen	Full IgG Pooled human myeloma
Immunoglobulin	Fab'2 Polyclonal
Species	Goat
Purification	NA
Fluorochrome	R Phycoerythrin-Cyanine 7 (PC7)
Molar ratio	PC7 / Protein: 1.4 - 2.6
$\lambda$ excitation	488 nm
Emission Peak	770 nm
Buffer	PBS pH 7.2 plus 2 mg / mL BSA and 0.1% NaN <sub>3</sub>

**REF** B90416 Liquid - 0.5 mL

## Analyte Specific Reagent.

**Analytical and performance characteristics are not established**

## REAGENTS

Concentration: See lot specific Certificate of Analysis at [www.beckmancoulter.com](http://www.beckmancoulter.com).

## WARNING AND PRECAUTIONS

1. This reagent contains 0.1% sodium azide. Sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.
2. Specimens, samples and all material coming in contact with them should be considered potentially infectious and disposed of with proper precautions.
3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
4. Do not use antibody beyond the expiration date on the label.
5. Do not expose reagents to strong light during storage or incubation.
6. Avoid microbial contamination of reagents or incorrect results might occur.
7. Use good laboratory practices when handling this reagent.
8. Any change in the physical appearance of the reagents may indicate deterioration and the reagent should not be used.

## GHS HAZARD CLASSIFICATION

Not classified as hazardous

## STORAGE AND HANDLING CONDITIONS AND STABILITY

This reagent is stable up to the expiration date when stored at 2 – 8°C. Do not freeze.

No reconstitution is necessary. This monoclonal antibody may be used directly from the vial. Bring reagent to 18 – 25°C prior to use.

## **CONTENTS**

Sodium azide preservative may form explosive compounds in metal drain lines. See NIOSH Bulletin: Explosive Azide Hazard (8/16/76).

To avoid the possible build-up of azide compounds, flush wastepipes with water after the disposal of undiluted reagent. Sodium azide disposal must be in accordance with appropriate local regulations.

## **SPECIFICITY**

Anti-Lambda polyclonal antibodies recognize the Lambda light chain of immunoglobulins expressed at the surface of a cellular sub-population corresponding to approximately 1/3 of mature B lymphocytes in peripheral blood. This light chain is also found on the surface of a sub-population of immature bone marrow B lymphocytes (1).

## **LIMITATIONS**

Due to the tandem structure of the fluorochrome, PC7 also emits light at 575 nm. This secondary emission peak varies from lot-to-lot of PC7. Therefore, for multi-color analysis, the compensation matrix should be carefully checked when changing the lot of a PC7 -conjugate.

## **TRADEMARKS**

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## **ADDITIONAL INFORMATION**

For additional information, or if damaged product is received, call Beckman Coulter Customer Service at 800-526-7694 (USA or Canada) or contact your local Beckman Coulter Representative.

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## **REFERENCES**

1. Uckun, F.M., "Regulation of human B-cell ontogeny", 1990, Blood, 76, 1908-1923.



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