Analyte Specific Reagent
Analytical and performance characteristics are not established.

Product:
Anti-Human Lambda Polyclonal Antibody.

Description
Specificity:
70-LAMBF is a polyclonal antibody designed for use as a direct immunofluorescence reagent in the identification and enumeration of cells which express Lambda immunoglobulin Light Chains by flow cytometry. Most B cells, with the exception of pre-B progenitors, pre B cells, and mature plasma cells, express immunoglobulin on their surface. Each cell expresses only one Light Chain type. In normal peripheral blood and lymph nodes, there is a mixture of Kappa positive and Lambda positive cells, with two-thirds of the cells expressing Kappa and one-third expressing Lambda. Since lymphoid neoplasms are usually clonal expansions of a single cell, malignant cells uniformly express the same Light Chain isotype. Neoplastic B cell lymphoproliferative disorders can frequently be suspected on the basis of the demonstration of a marker predominance of cells expressing a single Light Chain type (1-4).

Clone:
Polyclonal antibody Anti-Lambda Light Chains

Volume / Quantity:
0.5 ml/ 100 test (5 µl MAb per determination)

Buffer:
Phosphate buffered saline.

Preservatives:
< 0.1% Sodium Azide (NaN₃)

Stabilisers:
0.2% Bovine Serum Albumin (BSA)

Applications:
Flow cytometry.

Handling and Storage:
Store vials at 2°C to 8°C. Conjugated forms should not be frozen. Protect from exposure to light. Each reagent is stable until the expiration date shown on the bottle label when stored as directed.

Warning:
All subjects’ specimens and materials with which they come into contact are considered biohazards and should be handled as if capable of transmitting infection (5). This reagent contains < 0.1% sodium azide (CAS No. 26628-22-8) as a preservative. Sodium azide is harmful if swallowed (R22) (S23). Wear suitable protective clothing (S36). This material and its container must be disposed of as hazardous waste (S60).

Warranty:
This product is warranted only to conform to quantity and label specifications. There are no warranties that extend beyond the description on the product label. Cytognos’ sole liability is limited to either product replacement or refund of the purchase price.
Flow cytometry analysis:

Check that cytometer is correctly aligned and standardized for light dispersion and fluorescent intensity, and that the right color compensation has been set following the instructions of the cytometer manufacturer. The Lambda immunoglobulin Light Chains count is generally expressed as a percentage of B cells present in the sample.

References:


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