cyTCRβF1-APC
REF: CYT-BF1-APC

Analyte Specific Reagent
Analytical and performance characteristics are not established.

Product: Human TCRβF1 APC labeled Monoclonal Antibody.

Description
Specificity: cyTCRβF1-APC is a Monoclonal Antibody labeled with allophycocyanine (APC) designed for use as a direct immunofluorescence reagent in the identification and enumeration of cells which express the β chain of the T-Cell Receptor (TCR) complex by flow cytometry. The 8A3 antibody is specific for human TCR β chain constant region which is expressed by αβ TCR-expressing thymocytes and peripheral T lymphocytes (1-3). It does not react with γδ TCR-bearing T cells. In the fetal and adult thymus, the TCR-β chain may form homodimers or pair with the pre-TCR α-chain on the surface of immature thymocytes before expression of the TCR α-chain. The 8A3 antibody has been cited in server research papers involving the study of lymphoma. It is most often used for tissue staining and has been used to stain both frozen sections and paraffin-embedded tissue, but is also suitable for immunoprecipitation and flow cytometry (4-5).

Isotype: IgG1
Clone: 8A3
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 (6-7). 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.
References: