

iF647 Anti-Human CD79b (Ig β) Antibody

Catalog Number:	111801, 111802
Size:	25 tests, 100 tests
Target Name:	CD76b, Igb, Ig-beta, B29
Regulatory Status:	RUO

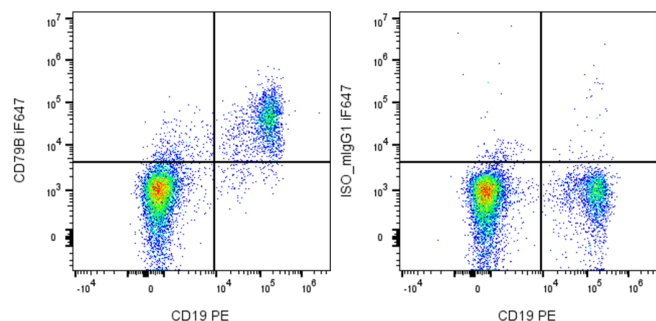
PRODUCT DETAILS

Clone:	Polatuzumab
Application:	Flow Cytometry
Reactivity:	Human
Format:	iF647
Isotype:	Human IgG1
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 μ L volume. Optimal reagent performance should be determined by titration for each specific application. iF647 has an excitation max at 656 nm and an emission max at 670 nm.
Excitation Laser:	Red Laser (633 nm)
Isotype Control:	301207

BACKGROUND INFORMATION

Human CD79B (Ig β , B29) is a 36-40 kDa type I transmembrane glycoprotein expressed on B cells. It forms a heterodimer with CD79A to constitute the B-cell receptor complex, mediating antigen-triggered signaling that regulates B-cell development and activation. Containing an extracellular Ig-like domain and a cytoplasmic ITAM, CD79B is essential for BCR signaling. Mutations cause agammaglobulinemia type 6, and it serves as a diagnostic marker and therapeutic target for B-cell lymphomas.

PRODUCT DATA



Human peripheral blood lymphocytes were stained with PE Anti-Human CD19 and either with iF647 Anti-Human CD79b Polatuzumab (left panel) or an isotype (right panel).

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