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iF647 Anti-Human CD79b (Igβ) Antibody

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

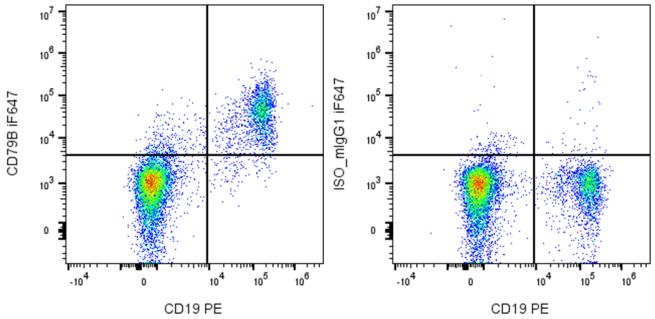
PRODUCT DETAILS

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 µL 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 (Igβ, 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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