

For Research Use Only

FcZero-rAb® Human B Cell Basics Panel

Catalog Number: PK30052



Product Information

B lymphocytes are immune cells that produce antibodies to neutralize pathogens and foreign substances. This panel is designed for the investigation of B lymphocytes (CD19 positive) and for the initial separation of the B lymphocyte population into further subpopulations by developmental stage.

Components

Fluorochrome (ex/em)	Catalog No	Size	Target	Clone	Isotype	Description
CoraLite Plus 488 (493 nm/522 nm)	CL488-FcA98117	100 tests	CD45	241670E10	Rabbit IgG	Leukocyte marker
CoraLite Plus 750 (755 nm/780 nm)	CL750-FcA65570	100 tests	CD3	UCHT1	Rabbit IgG	T cell marker
APC (650 nm/660 nm)	APC-FcA65562	100 tests	CD19	4G7	Rabbit IgG	B cell marker
PE (496, 565 nm/578 nm)	PE-FcA65575	100 tests	CD20	2H7	Rabbit IgG	B cell marker
CoraLite Plus 405 (399 nm/422 nm)	CL405-FcA65591	100 tests	CD21	BU32	Rabbit IgG	Expression varies depending on B cell development stage

Concentration: 5 antibodies (1 vial each), 100 tests (5 uL/test) per vial.

Package

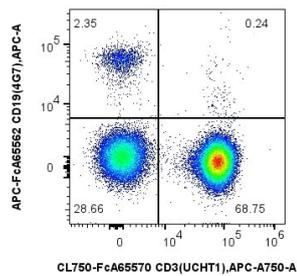
100 tests

Storage

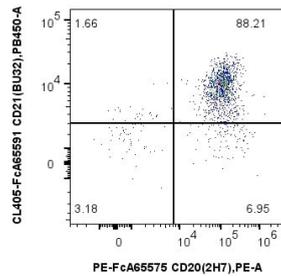
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA.

Storage Conditions: Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

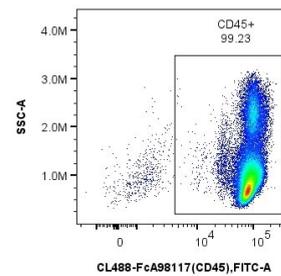
Validation Data



1 x 10⁶ Human PBMCs were stained with PK30052 FcZero-rAb® Human B Cell Basics Panel. CD3 and CD19 expression on CD45+ cells are shown. Cells were not fixed.



1 x 10⁶ Human PBMCs were stained with PK30052 FcZero-rAb® Human B Cell Basics Panel. CD20 and CD21 expression on CD45+CD3-CD19+ B lymphocytes are shown. Cells were not fixed.



1 x 10⁶ Human PBMCs were stained with PK30052 FcZero-rAb® Human B Cell Basics Panel. CD45+ cells are gated. Cells were not fixed.

For technical support and original validation data for this product please contact

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