

FcZero-rAb™ Human B Cell Basics Panel

General Information

Catalog Number: PK30052

Stability and Storage: 1 year from receipt at 2 to 8°C

Formulation: PBS with 0.09% sodium azide and 0.5% BSA

Applications: FC

Reactivity: Human

Size: 100 tests, 5 µL each per 10⁶ cells

Panel Components

Fluorochrome (ex/em)	Catalog No.	Size	Target	Clone	Isotype	Description
Coralite Plus 488 (493 nm/522 nm)	CL488-FcA98117	100 tests 5 µL/test	CD45	241670E10	Rabbit IgG	Lymphocyte marker
Coralite Plus 750 (755 nm/780 nm)	CL750-FcA65570	100 tests 5 µL/test	CD3	UCHT1	Rabbit IgG	T cell marker
APC (650 nm/660 nm)	APC-FcA65562	100 tests 5 µL/test	CD19	4G7	Rabbit IgG	B cell marker
PE (496, 565 nm/578 nm)	PE-FcA65575	100 tests 5 µL/test	CD20	2H7	Rabbit IgG	B cell marker
Coralite Plus 405 (399 nm/422 nm)	CL405-FcA65591	100 tests 5 µL/test	CD21	BU32	Rabbit IgG	Expression varies depending on B cell development stage

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AB/405
CD21 (BU32)

FITC/488
CD45 (241670E10)

PE/555
CD20 (2H7)

APC/647
CD19 (4G7)

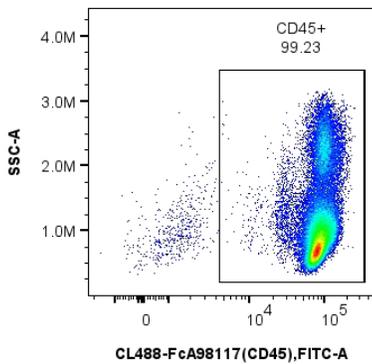
750
CD3 (UCHT1)

Product Description

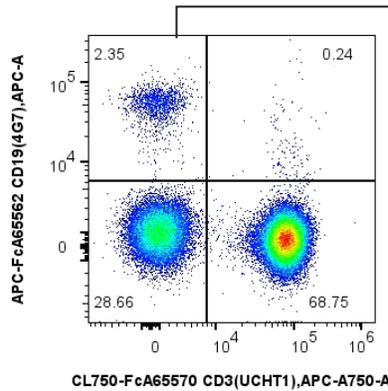
B lymphocytes are immune cells that produce antibodies to neutralize pathogens and foreign substances. This panel is designed for the investigation of B lymphocytes (CD19 positive) and for the initial separation of the B lymphocyte population into further subpopulations by developmental stage.

Validation Data *Sample: Human PBMCs*

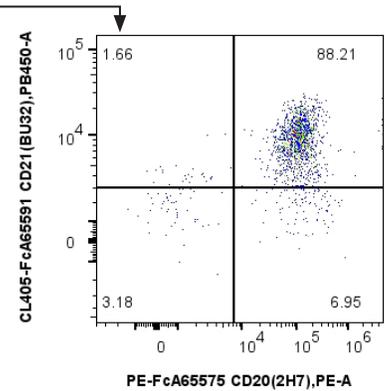
CD45+ cells are gated.



CD3 and CD19 expression on CD45+ cells are shown.



CD20 and CD21 expression on CD45+CD3-CD19+ B lymphocytes are shown.



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