

FcZero-rAb™ Human Naïve/Memory T Cell Panel

General Information

Catalog Number: PK30058

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 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-FcA98042	100 tests 5 µL/test	CD4	240427E12	Rabbit IgG	Helper T cell marker
CoraLite Plus 405 (399 nm/422 nm)	CL405-FcA65630	100 tests 5 µL/test	CD8	SK1	Rabbit IgG	Cytotoxic T cell marker
CoraLite Plus 488 (493 nm/522 nm)	CL488-FcA65590	100 tests 5 µL/test	CD45RA	F8-11-13	Rabbit IgG	Naïve T cell marker
PE (496, 565 nm/578 nm)	PE-FcA65613	100 tests 5 µL/test	CD45RO	UCHL1	Rabbit IgG	Memory T cell marker

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AB/405

FITC/488

CR/555

APC/647

750

CD8 (SK1)

CD45RA (F8-11-13)

CD45RO (UCHL1)

CD4 (240427E12)

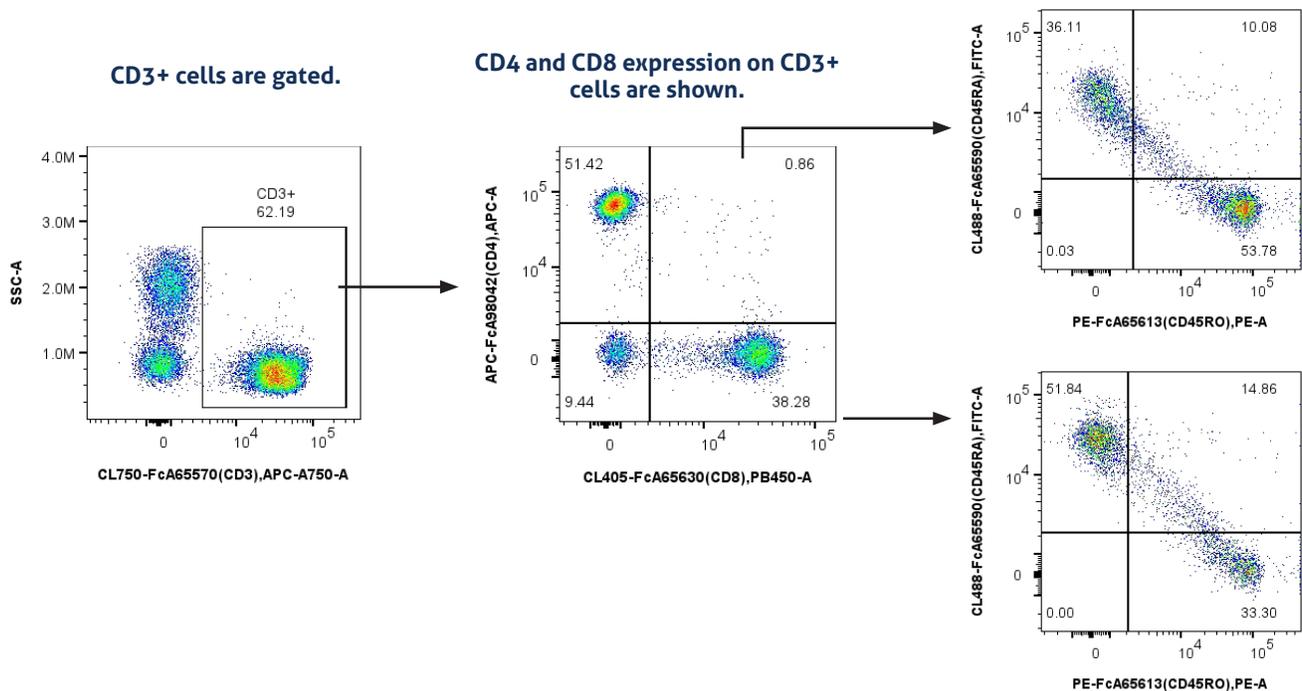
CD3 (UCHT1)

Product Description

Naïve T cells have not previously encountered antigen while memory T cells have and can therefore more quickly respond to subsequent encounters of that antigen.

This panel is designed for the separation of T lymphocytes (CD3 positive) into Helper T Lymphocytes (CD4 positive), Cytotoxic T Lymphocytes (CD8 positive), Naïve T Lymphocytes (CD45RA expressing) and Memory T Lymphocytes (CD45RO expressing).

Validation Data *Sample: Human PBMCs*



CD4+ Helper T lymphocytes and CD8+ Cytotoxic T lymphocytes were gated and evaluated for CD45RA and CD45RO expression.

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