

For Research Use Only

FcZero-rAb® Human T Cell Basics Panel

Catalog Number: PK30051



Product Information

T lymphocytes are immune cells that respond to foreign antigens by secreting cytokines (CD8+ Cytotoxic T cells) and coordinating the immune response (CD4+ Helper T cells).

This panel is designed for the investigation of T lymphocytes (CD3 positive) and for the further separation of the T lymphocyte population into Helper T Lymphocyte (CD4 positive) and Cytotoxic T Lymphocyte (CD8 positive) subpopulations.

Components

Fluorochrome (ex/em)	Catalog No	Size	Target	Clone	Isotype	Description
PE (496, 565 nm/578 nm)	PE-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
Coralite Plus 488 (493 nm/522 nm)	CL488-FcA98042	100 tests	CD4	240427E12	Rabbit IgG	Helper T cell marker
Coralite Plus 405 (399 nm/422 nm)	CL405-FcA65630	100 tests	CD8	SK1	Rabbit IgG	Cytotoxic T cell marker

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

Package

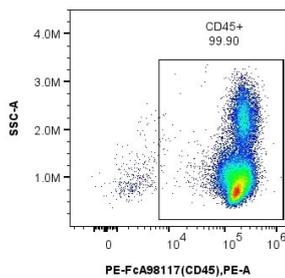
100 tests

Storage

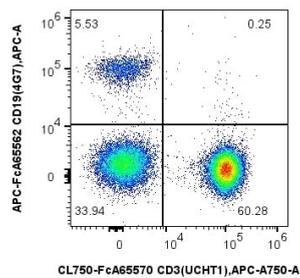
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA.

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

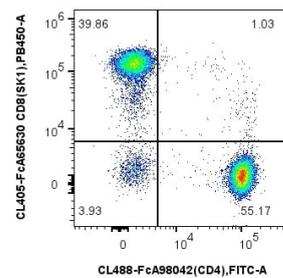
Validation Data



1x10⁶ Human PBMCs were stained with PK30051 FcZero-rAb® Human T Cell Basics Panel. CD45+ cells are gated. Cells were not fixed.



1x10⁶ Human PBMCs were stained with PK30051 FcZero-rAb® Human T Cell Basics Panel. CD3 and CD19 expression on CD45+ cells are shown. Cells were not fixed.



1x10⁶ Human PBMCs were stained with PK30051 FcZero-rAb® Human T Cell Basics Panel. CD4 and CD8 expression on CD45+CD3+CD19- T lymphocytes are shown. Cells were not fixed.

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

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