

For Research Use Only

FcZero-rAb® Human NK Cell Basics Panel

Catalog Number: PK30053



Product Information

NK cells are innate immune cells that quickly respond to “non-self” signals by releasing cytotoxic granules. This panel is designed for the investigation of Natural Killer Cells (CD226 positive) and for the initial separation of the NK Cell population into subpopulations.

Components

Fluorochrome (ex/em)	Catalog No	Size	Target	Clone	Isotype	Description
CoraLite Plus 750 (755 nm/780 nm)	CL750-FcA65570	100 tests	CD3	UCHT1	Rabbit IgG	Negative in NK Cells
APC (650 nm/661 nm)	APC-FcA65573	100 tests	CD226	11A8	Rabbit IgG	NK Cell Marker
CoraLite Plus 488 (493 nm/522 nm)	CL488-FcA98033	100 tests	CD56	240078A7	Rabbit IgG	Distinguishes NK Cell subpopulations
CoraLite Plus 405 (399 nm/422 nm)	CL405-FcA65612	100 tests	CD16	3G8	Rabbit IgG	Distinguishes NK Cell subpopulations
PE (496, 565 nm/578 nm)	PE-FcA98204	100 tests	CD7	242402H8	Rabbit IgG	Mature NK Cell Marker

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

100 tests

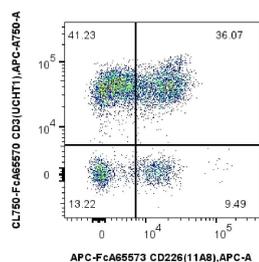
Package

Storage

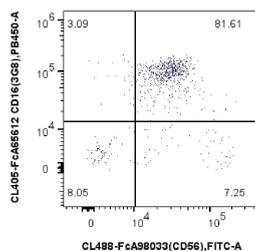
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA.

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

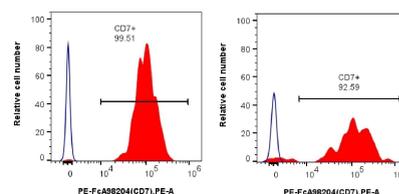
Validation Data



1x10⁶ Human PBMCs were stained with PK30053 FcZero-rAb® Human NK Cell Basics Panel. CD3-/CD226+ cells are gated. Parent population: lymphocytes. Cells were not fixed.



1x10⁶ Human PBMCs were stained with PK30053 FcZero-rAb® Human NK Cell Basics Panel. CD56 and CD16 expression on CD3-/CD226+ lymphocytes are shown. Cells were not fixed.



1x10⁶ Human PBMCs were stained with PK30053 FcZero-rAb® Human NK Cell Basics Panel. CD7 expression on CD56dim/CD16bright (left), CD56bright/CD16- (right) cells. Parent population: CD3-/CD226+ cells followed by CD56/CD16 gated cells. Cells were not fixed.

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

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