

# FcZero-rAb™ Human TBNK Basics Panel

## General Information

**Catalog Number:** PK30050

**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 10<sup>6</sup> cells

## Panel Components

Fluorochrome (ex/em)	Catalog No.	Size	Target	Clone	Isotype	Description
<b>CoraLite Plus 750</b> (755 nm/780 nm)	CL750-FcA65570	100 tests 5 µL/test	CD3	UCHT1	Rabbit IgG	T cell marker
<b>APC</b> (650 nm/660 nm)	APC-FcA65562	100 tests 5 µL/test	CD19	4G7	Rabbit IgG	B cell marker
<b>CoraLite Plus 488</b> (493 nm/522 nm)	CL488-FcA98042	100 tests 5 µL/test	CD4	240427E12	Rabbit IgG	Helper T cell marker
<b>CoraLite Plus 405</b> (399 nm/422 nm)	CL405-FcA65630	100 tests 5 µL/test	CD8a	SK1	Rabbit IgG	Cytotoxic T cell marker
<b>PE</b> (496, 565 nm/578 nm)	PE-FcA98033	100 tests 5 µL/test	CD56	240078A7	Rabbit IgG	NK cell marker

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AB/405

CD8a (SK1)

FITC/488

CD4 (240427E12)

PE/555

CD56 (B-A19)

APC/647

CD19 (4G7)

750

CD3 (UCHT1)

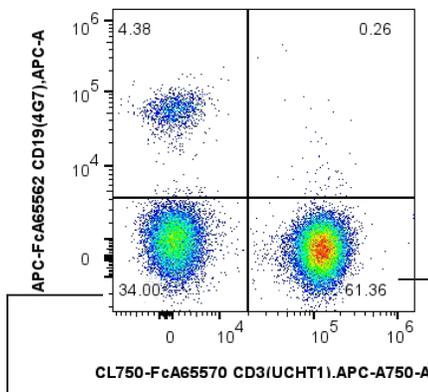
## Product Description

The immune system is comprised of multiple cell types that each play an important role in the immune response to foreign antigens.

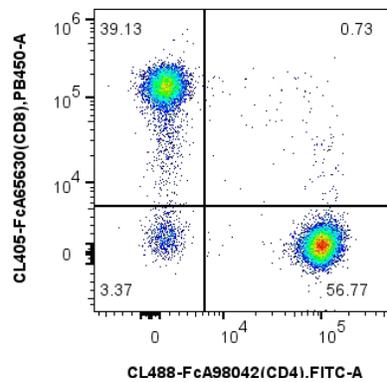
This panel is designed for the separation of lymphocytes into T Lymphocytes (CD3+), B Lymphocytes (CD19+), and NK Cells (CD3-/CD19-). T Lymphocytes can further be separated into Helper T Cells and Cytotoxic T Cells.

## Validation Data *Sample: Human PBMCs*

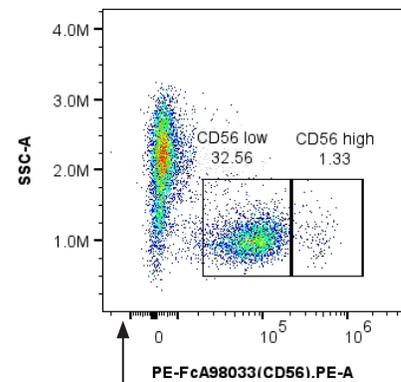
CD3 and CD19 expression on lymphocytes is shown.



CD4 and CD8 expression on CD3+/CD19- lymphocytes are shown.



CD56 expression on CD3-/CD19- lymphocytes is shown.



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