

For Research Use Only

# FcZero-rAb® Mouse Activated T Cell Panel

Catalog Number: PK30059



## Product Information

T lymphocytes are immune cells that respond to foreign antigens by secreting cytokines (CD8<sup>+</sup> Cytotoxic T cells) and coordinating the immune response (CD4<sup>+</sup> Helper T cells). This panel is designed for the identification of CD3<sup>+</sup> T lymphocytes into CD4<sup>+</sup> T lymphocyte and CD8<sup>+</sup> T lymphocyte subpopulations and the evaluation of these two populations for activation with CD69 and CD25.

## Components

Fluorochrome (ex/em)	Catalog No.	Size	Target	Clone	Isotype	Description
APC-Cyanine7 (650 nm/778 nm)	<a href="#">AY7-FcA65659</a>	100 ug	CD3	17-A2	Rabbit IgG	T cell marker
CoraLite® Plus 647 (650 nm/660 nm)	<a href="#">CL647-FcA98288</a>	100 ug	CD25	242494H5	Rabbit IgG	Marker of activation
CoraLite® Plus 488 (493 nm/522 nm)	<a href="#">CL488-FcA98440</a>	100 ug	CD69	250269C11	Rabbit IgG	Marker of activation
CoraLite® Plus 405 (399 nm/422 nm)	<a href="#">CL405-FcA65655</a>	100 ug	CD4	RM4-4	Rabbit IgG	Helper T cell marker
PE (496 nm, 565 nm/578 nm)	<a href="#">PE-FcA98472-2</a>	100 ug	CD8	242879C10	Rabbit IgG	Cytotoxic T cell marker

5 antibodies (1 vial each), 100 ug per vial.

## Package

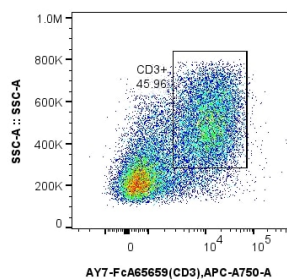
5x100 ug

## Storage

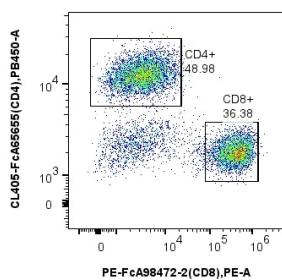
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA.

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

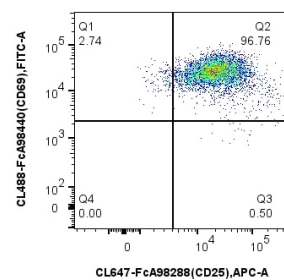
## Validation Data



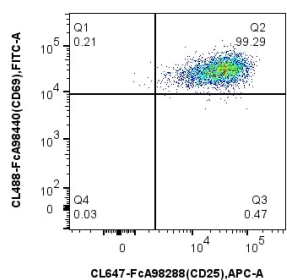
1x10<sup>6</sup> anti-mouse CD3/CD28 stimulated mouse splenocytes were stained with PK30059 FcZero-rAb® Mouse Activated T Cell Panel. CD3+ cells are gated. Parent population: live cells. Cells were not fixed.



1x10<sup>6</sup> anti-mouse CD3/CD28 stimulated mouse splenocytes were stained with PK30059 FcZero-rAb® Mouse Activated T Cell Panel. CD4 and CD8 expression on CD3+ cells is shown. Cells were not fixed.



1x10<sup>6</sup> anti-mouse CD3/CD28 stimulated mouse splenocytes were stained with PK30059 FcZero-rAb® Mouse Activated T Cell Panel. CD25 and CD69 expression on CD3+ CD4+ T lymphocytes is shown. Cells were not fixed.



1x10<sup>6</sup> anti-mouse CD3/CD28 stimulated mouse splenocytes were stained with PK30059 FcZero-rAb® Mouse Activated T Cell Panel. CD25 and CD69 expression on CD3+ CD8+ T lymphocytes is shown. Cells were not fixed.

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

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