Mouse T/NK Panel

Catalog Number: RK40003

Size: 1 Box

◆ Description

The 4-fluorescence Mouse T/NK panel has been designed for reliable identification of mouse T and NK lymphocyte populations in mouse blood or tissue samples.

ABflo® multi-fluorescence panel RK40003 covers the core CD markers of CD3e, CD4, CD8a, and CD161c/NK1.1. Our plots showed clear subgroups of $CD3e^+$ T cells, $CD4^+$ Th cells, $CD8a^+$ CTL cells, and CD161c/$NK1.1^+$ NK cells (cite figures).

◆ Applications

FC

◆ Reactivity

Mouse

◆ Components

Target	Catalog No.	Fluorochrome	Ex/Em (nm)	Isotype	Clone	Size	Vol. Per Test
CD3e	A23322	FITC	491/516	Armenian Hamster IgG	ACC0001	100 μg	1 μL
CD4	A24721	ABflo® 647	648/664	Rabbit IgG	ARC64069	200 T	5 μL
CD8a	A23905	ABflo® 594	588/604	Rabbit IgG	ARC60677	200 T	5 μL
CD161c /NK1.1	A24107	PE	565/574	Rabbit IgG	ARC57668	200 T	5 μL

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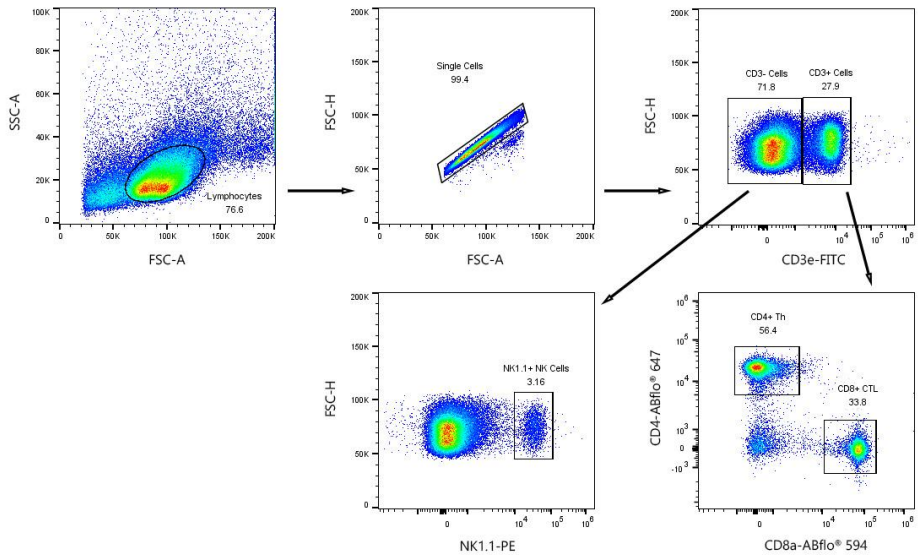
Note:

This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1×10^6 cells in a 100 µl experimental sample (a test).

◆ Storage

Store at 4℃. Avoid freeze/thaw cycles.

◆ Validation Data



Multicolor flow cytometry panel to identify Mouse T/NK cells subsets. Mouse T/NK were surface stained with FITC Anti-Mouse CD3e mAb (A23322,5 µL/Test), ABflo® 647 Rabbit anti-Mouse CD4 mAb (A24721,5 µL/Test), ABflo® 594 Rabbit anti-Mouse CD8a mAb (A23905,5 µL/Test), PE Rabbit anti-Mouse CD161c/NK1.1 mAb (A24107,5 µL/Test). All antibodies are validated for Flow cytometry. $CD4^+$ T lymphocytes are defined as $CD3^+CD4^+$; $CD8^+$ T lymphocytes are defined as $CD3^+CD8^+$; NK cells are defined as $CD3^-$CD161c/$NK1.1^+$.

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