Mouse T Cells Panel

Catalog Number: RK40009

Size: 1 Box

◆ Description

The 3-fluorescence Mouse T Cells Panel has been designed for identify and phenotype T cells in Mouse blood or tissue samples.

ABflo® multi-fluorescence panel RK40009 covers the core CD markers of CD3e, CD4 and CD8. Our plots showed clear subgroups of $CD3^+$ T cells, $CD4^+CD8^-$ T cells and $CD4^-CD8^+$ T 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	100μg	1 μL
CD4	A25941	ABflo®450	406/445	Rabbit IgG	ARC64069-01-ABf450	100T	5 μL
CD8	A25944	ABflo®700	690/713	Rabbit IgG	ARC60677-03-ABf700	100T	5 μL

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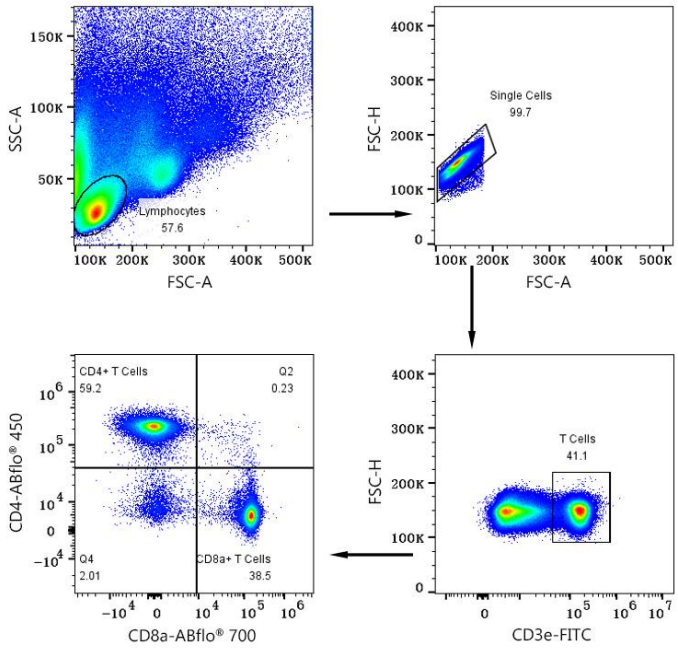
Note:

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 cells subsets. BALB/c mouse splenocytes were surface stained with FITC Anti-Mouse CD3e mAb (A23322,1 µL/Test) , ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941,5 µL/Test), ABflo® 700 Rabbit anti-Mouse CD8a mAb (A25944,5 µL/Test). All antibodies are validated for Flow cytometry. T cells are defined as $CD3^+$; CD4 T cells are defined as $CD4^+CD8^-$; CD8 T cells are defined as $CD4^-CD8^+$.

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