

Mouse Treg Panel

Catalog Number: RK40023

Size: 1 Box

◆ Description

The 3-fluorescence Mouse Treg Panel has been designed for identify and phenotype CD4⁺ T regulatory cells in Mouse blood or tissue samples.

ABflo® multi-fluorescence panel RK40023 covers the core CD markers of FOXP3, CD4 and CD25. Our plots showed clear subgroups of CD4⁺ T cells, and CD25⁺ FOXP3⁺ Treg cells (cite figures).

◆ Applications

FC

◆ Reactivity

Mouse

◆ Components

Target	Catalog No.	Fluorochrome	Ex/Em (nm)	Isotype	Clone	Size	Vol. Per Test
CD4	A24720	ABflo®488	491/516	Rabbit IgG	ARC64069	100T	5 µL
CD25	A23808	ABflo®647	648/664	Rabbit IgG	ARC54525	100T	5 µL
FOXP3	A26227	PE	565/574	Rabbit IgG	ARC68296	100T	5 µL

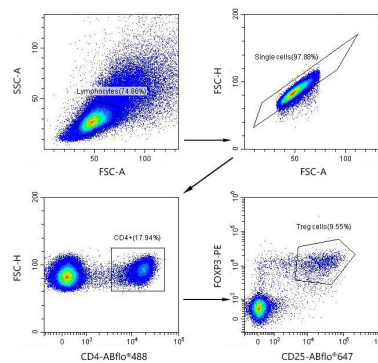
Note:

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

◆ **Storage**

Store at 4°C. Avoid freeze/thaw cycles.

◆ **Validation Data**



Multicolor flow cytometry panel to identify Mouse Treg subsets. C57BL/6 mouse splenocytes were surface stained with ABflo® 488 Rabbit anti-Mouse CD4 mAb (A24720, 5 μ L/Test), ABflo® 647 Rabbit anti-Mouse CD25 mAb (A23808, 5 μ L/Test) and then intracellularly-stained with PE Rabbit anti-Mouse FOXP3 mAb (A26227, 5 μ L/Test). All antibodies are validated for Flow cytometry. T helper cells are defined as CD4⁺; Treg cells are defined as CD25⁺ FOXP3⁺.