Mouse B cells/NK cells /Treg cells Panel

Catalog Number: RK40015

Size: 1 Box

◆ Description

The 8-fluorescence Mouse B cells/NK cells /Treg cells Panel has been designed for identify and phenotype B cells/NK cells /Treg cells in Mouse blood or tissue samples.

ABflo® multi-fluorescence panel RK40015 covers the core CD markers of CD45, CD45R/B220, CD3, CD4, CD25, CD49b, CD8a and FOXP3. Our plots showed clear subgroups of $CD45^+CD45R/B220^+CD3^-$ B cells, $CD45^+CD45R/B220^-CD49b^+$ NK cells and $CD4^+CD25^+FOXP3^+$ Treg cells (cite figures).

◆ Applications

FC

◆ Reactivity

Mouse

◆ Components

Target	Catalog No.	Fluorochrome	Ex/Em (nm)	Isotype	Clone	Size	Vol. Per Test
CD45	A23709	ABflo® 594	588/604	Rabbit IgG	ARC60962-ABflo594	100T	5 μL
CD3	A27432	ABflo® 700	690/713	Rat IgG2b	ATC0031-ABflo700	100T	5 μL
CD4	A25941	ABflo® 450	406/445	Rabbit IgG	ARC64069-ABflo450	100T	5 μL
CD25	A26820	APC/Cyanine7	651/779	Rabbit IgG	ARC54525-APC-Cy7	100T	5 μL

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CD49b	A26560	ABflo®647	648/664	Rabbit IgG	ARC69348-ABflo647	100T	5 μL
Foxp3	A26227	PE	565/574	Rabbit IgG	ARC68296-PE	100T	5 μL
CD45R/B220	A25655	FITC	491/516	Rat IgG2a, kappa	ATC0011	100 μg	2 μL
CD8a	A27333	ABflo®500	410/501	Rabbit IgG	ARC60677-ABflo500	100T	5 μL

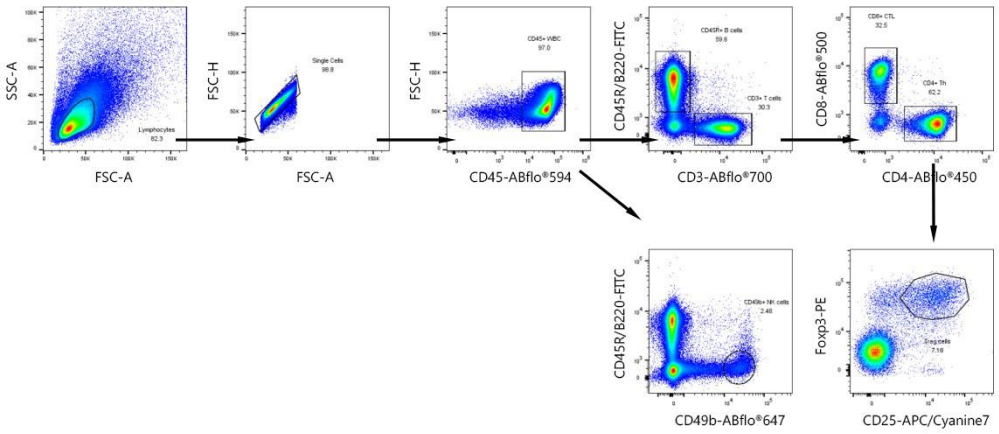
Note:

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

◆ Storage

Store at 4℃. Avoid freeze/thaw cycles.

◆ Validation Data



Multicolor flow cytometry panel to identify Mouse B cells、NK cells and Treg cells. C57BL/6 mouse splenocytes were surface stained with ABflo® 594 Rabbit anti-Mouse CD45 mAb (A23709,5 μL/Test), FITC anti-Mouse/Human CD45R/B220 mAb (A25655,5 μL/Test), ABflo® 700 Rat anti-Mouse CD3 mAb (A27432,5 μL/Test), ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941,5 μL/Test), APC/Cyanine7 Rabbit anti-Mouse CD25 mAb (A26820,5 μL/Test), ABflo®

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647 Rabbit anti-Mouse Integrin alpha 2/CD49b mAb (A26560,5 μL/Test), ABflo® 500 Rabbit anti-Mouse CD8a mAb (A27333,5 μL/Test), and then intracellularly-stained with PE Rabbit anti-Mouse FOXP3 mAb (A26227,5 μL/Test). All antibodies are validated for Flow cytometry. Mouse B cells are defined as $CD45^+CD45R/B220^+CD3^-$; NK cells are defined as $CD45^+CD45R/B220^-CD49b^+$; Treg cells are defined as $CD4^+CD25^+FOXP3^+$.

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