Human/Monkey Treg Panel

Catalog Number: RK40022

Size: 1 Box

◆ Description

The 7-fluorescence Human/Monkey Treg Panel has been designed for identify and phenotype T regulatory cells in Human/Monkey blood or tissue samples.

ABflo® multi-fluorescence panel RK40022 covers the core CD markers of CD45, CD3, CD4, CD8a, CD14, CD25 and FOXP3. Our plots showed clear subgroups of $CD14^{-}CD3^{+}$ T lymphocytes, $CD3^{+}CD4^{+}$ T lymphocytes, $CD3^{+}CD8^{+}$ T lymphocytes and $CD4^{+}CD25^{+}FOXP3^{+}$ Regulatory T cells (cite figures).

◆ Applications

FC

◆ Reactivity

Human/Monkey

◆ Components

Target	Catalog No.	Fluorochrome	Ex/Em (nm)	Isotype	Clone	Size	Vol. Per Test
CD45	A27932	ABflo® 700	690/713	Rabbit IgG	ARC5024	100T	5 μL
CD3	A27111	APC	648/664	Rabbit IgG	ARC68274	100T	5 μL
CD4	A26523	ABflo® 450	406/445	Rabbit IgG	ARC5142	100T	5 μL
CD8a	A26731	ABflo® 500	410/501	Rabbit IgG	ARC55248	100T	5 μL

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CD14	A25071	ABflo® 488	491/516	Rabbit IgG	ARC65657	100T	5 μL
CD25	A27400	PE/Cyanine7	565/778	Rabbit IgG	ARC58045	100T	5 μL
FOXP3	A27686	PE	565/574	Rabbit IgG	ARC74142	100T	5 μL

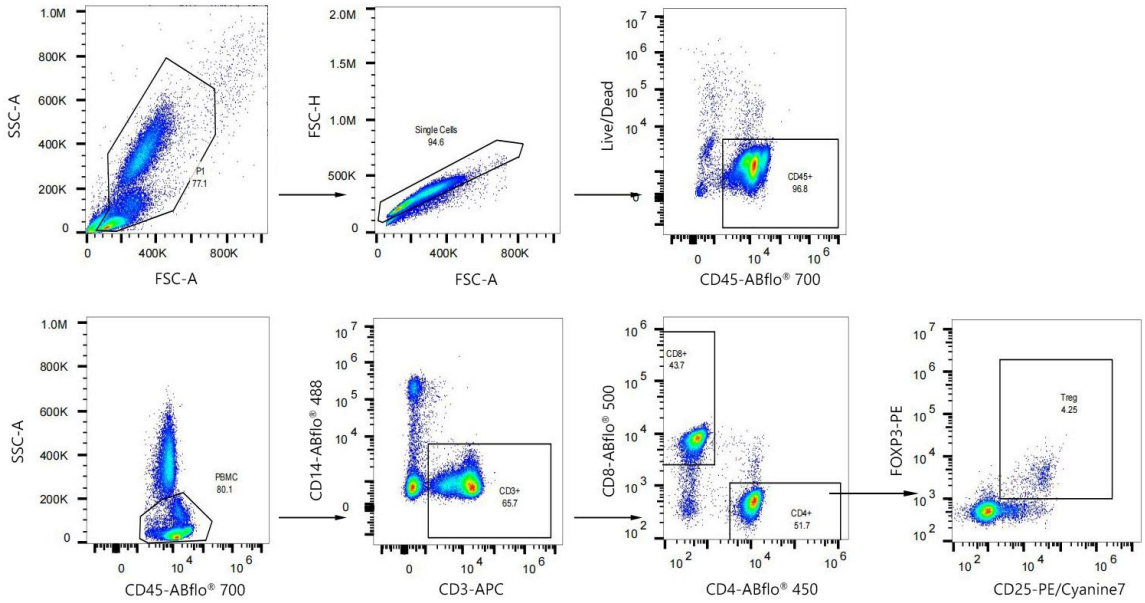
Note:

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 Human/Monkey Treg cell subsets. Cynomolgus monkey blood were surface stained with ABflo® 700 Rabbit anti-Human/Monkey CD45 mAb (A27932,5 μL/Test), APC Rabbit anti-Human/Monkey CD3 mAb (A27111,5 μL/Test), ABflo® 450 Rabbit anti-Human/Monkey CD4 mAb (A26523,5 μL/Test), ABflo® 500 Rabbit anti-Human/Monkey CD8a mAb (A26731,5 μL/Test), ABflo® 488 Rabbit anti-Human/Monkey CD14 mAb (A25071,5 μL/Test), PE/Cyanine7 Rabbit anti-Human/Monkey CD25 mAb (A27400,5 μL/Test), PE Rabbit anti-Human/Mouse/Monkey FOXP3 mAb (A27686,5 μL/Test). All antibodies are

validated for Flow cytometry. $CD3^+$ T lymphocytes are defined as $CD14^-CD3^+$; $CD4^+$ T lymphocytes are defined as $CD3^+CD4^+$; $CD8^+$ T lymphocytes are defined as $CD3^+CD8^+$; Regulatory T cells are defined as $CD4^+CD25^+FOXP3^+$.

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