Human ASCs B cell Panel

Catalog Number: RK40019

Size: 1 Box

◆ Description

The 5-fluorescence Human ASCs B cell Panel has been designed for identify and phenotype B cells in Human blood or tissue samples.

ABflo® multi-fluorescence panel RK40019 covers the core CD markers of CD19, CD20, CD27, CD38 and CD24. Our plots showed clear subgroups of $CD19^{+}$ B cells, $CD38^{high}CD24^{high}$ Transitional B cells and $CD27^{+}CD38^{high}$ Antibody secreting cells (cite figures).

◆ Applications

FC

◆ Reactivity

Human

◆ Components

Target	Catalog No.	Fluorochrome	Ex/Em (nm)	Isotype	Clone	Size	Vol. Per Test
CD19	A26609	PE	565/574	Rabbit IgG	ARC57915-PE	100T	5 μL
CD20	A26465	ABflo®450	406/445	Rabbit IgG	ARC51683-ABflo450	100T	5 μL
CD27	A22063	ABflo® 488	491/516	Rabbit IgG	ARC54542-ABflo488	100T	5 μL
CD38	A27140	ABflo®700	690/713	Rabbit IgG	ARC5131-01-ABflo700	100T	5 μL
CD24	A25381	ABflo®647	648/664	Rabbit IgG	ARC66763-ABflo647	100T	5 μL

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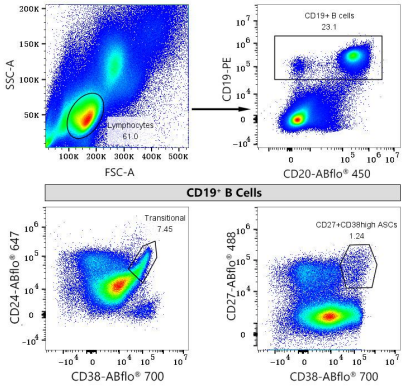
Note:

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 Human B cell subsets. Human PBMC were surface stained with PE Rabbit anti-Human/Monkey CD19 mAb (A26609,5 µL/Test), ABflo® 450 Rabbit anti-Human/Monkey CD20 mAb (A26465,5 µL/Test), ABflo® 488 Rabbit anti-Human CD27 mAb (A22063,5 µL/Test), ABflo® 700 Rabbit anti-Human CD38 mAb (A27140,5 µL/Test), ABflo® 647 Rabbit anti-Human CD24 mAb (A25381,5 µL/Test). All antibodies are validated for Flow cytometry. B cells are defined as $CD19^{+}$; Transitional B cells are defined as $CD38^{high}CD24^{high}$; Antibody secreting cells (ASCs) are defined as $CD27^{+}CD38^{high}$.

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