Human Naïve/Memory B cells Panel

Catalog Number: RK40020

Size: 1 Box

◆ Description

The 4-fluorescence Human Naïve/Memory B cells Panel has been designed for identify and phenotype B cells in Human blood or tissue samples.

ABflo® multi-fluorescence panel RK40020 covers the core CD markers of CD19, CD45, CD27 and IgD. Our plots showed clear subgroups of $CD45^{+}CD19^{+}$ B cells, $CD27^{+}IgD^{-}$ Memory B cells and $CD27^{-}IgD^{+}$ naïve 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
CD45	A22494	ABflo® 488	491/516	Rabbit IgG	ARC5024-ABflo488	100T	5 μL
CD27	A22064	ABflo®647	648/664	Rabbit IgG	ARC54542-ABflo647	100T	5 μL
IgD	A24093	ABflo®405	403/427	Rabbit IgG	ARC60051-ABflo405	100T	5 μL

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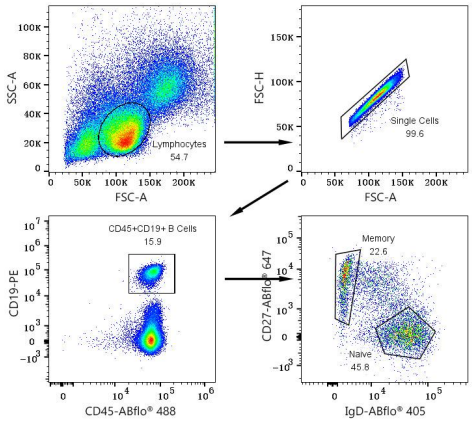
Note:

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® 488 Rabbit anti-Human CD45 mAb (A22494,5 µL/Test), ABflo® 647 Rabbit anti-Human CD27 mAb (A22064,5 µL/Test), ABflo® 405 Rabbit anti-Human IgD mAb (A24093,5 µL/Test). All antibodies are validated for Flow cytometry. B cells are defined as $CD45^{+}CD19^{+}$; Memory B cells are defined as $CD27^{+}IgD^{-}$; naïve cells are defined as $CD27^{-}IgD^{+}$.

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