ABclonal Technology®

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Human Naïve/Memory B cells Panel

Catalog No.: RK40020

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

Background

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).

Recommended Dilutions

FC   5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID   **Swiss Prot**

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

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Product Information

Source   **Isotype**   **Purification**
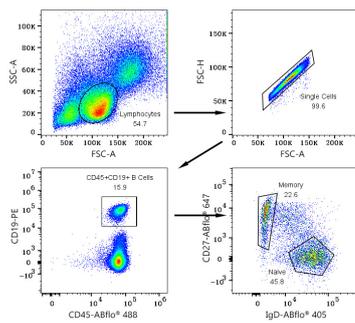Rabbit   IgG

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

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+.