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Human ASCs B cells Panel

Catalog No.: RK40019

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

Background

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, CD38highCD24high Transitional B cells and CD27+CD38high Antibody secreting 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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

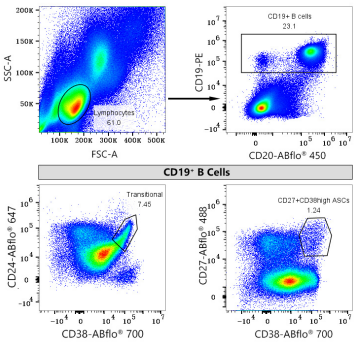
Source
Rabbit

Isotype
IgG

Purification

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® 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 CD38highCD24high; Antibody secreting cells (ASCs) are defined as CD27+CD38high.