

# 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, CD38<sup>high</sup>CD24<sup>high</sup> Transitional B cells and CD27+CD38<sup>high</sup> Antibody secreting cells (cite figures).

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> 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

Rabbit

### Isotype

IgG

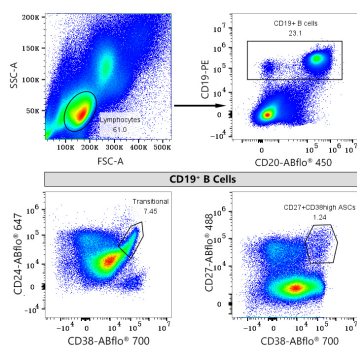
### Purification

### Storage

Store at 2-8°C. 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  $\mu$ L/Test), ABflo® 450 Rabbit anti-Human/Monkey CD20 mAb (A26465,5  $\mu$ L/Test), ABflo® 488 Rabbit anti-Human CD27 mAb (A22063,5  $\mu$ L/Test), ABflo® 700 Rabbit anti-Human CD38 mAb (A27140,5  $\mu$ L/Test), ABflo® 647 Rabbit anti-Human CD24 mAb (A25381,5  $\mu$ L/Test). All antibodies are validated for Flow cytometry. B cells are defined as CD19+; Transitional B cells are defined as CD38<sup>high</sup>CD24<sup>high</sup>; Antibody secreting cells (ASCs) are defined as CD27+CD38<sup>high</sup>.