

# Human TBNK Panel

Catalog No.: RK40002

## Basic Information

### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC5024\_AMC0533\_ARC5142-01\_ARC55  
248\_AMC0541\_AMC0544

## Background

The 6-fluorescence Human TBNK panel has been designed for reliable identification of human T, B, and NK lymphocyte populations in human blood or tissue samples. ABflo® multi-fluorescence panel RK40002 covers the core CD markers of CD45, CD3, CD19, CD56, CD4, and CD8a. Our plots showed clear subgroups of CD3+ T cells, CD4+ Th cells, CD8+ CTL cells, CD19+ B cells, CD56bright NK cells, CD56dim NK cells, CD19+ CD56+ NK cell subsets, and CD3+ CD56+ NK T cells (cite figures).

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l 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

Armenian Hamste/Rabbit

### Isotype

### Purification

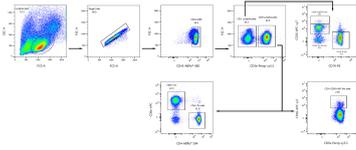
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

## Validation Data

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Multicolor flow cytometry panel to identify Human TBNK cell subsets. Human PBMC were surface stained with ABflo® 488 Rabbit anti-Human/Monkey CD45 mAb (A22494,5 µL/Test), PerCP/Cyanine5.5 Mouse anti-Human CD3 mAb (A22797,5 µL/Test), ABflo® 594 Rabbit anti-Human/Monkey CD4 mAb (A25282,5 µL/Test), APC Rabbit anti-Human/Monkey CD8a mAb (A24799,5 µL/Test), PE Mouse anti-Human CD19 mAb (A22816,5 µL/Test), APC/Cyanine7 Mouse anti-Human CD56 mAb (A22828,5 µL/Test). All antibodies are validated for Flow cytometry. CD4+ T lymphocytes are defined as CD3+CD4+; CD8+ T lymphocytes are defined as CD3+CD8+; B cells are CD3-CD19+; NK cells are defined as CD3-CD56bright, CD3-CD56dim; NKT cells are CD3+CD56+.