

# ABflo® 647 Rabbit anti-Human MICA/MICB mAb

Catalog No.: A25277

## Basic Information

### Observed MW

### Calculated MW

4kDa/31kDa/37kDa/43kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC65920-ABflo647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Background

This gene encodes a heavily glycosylated protein which is a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells, CD8 alpha beta T cells, and gamma delta T cells which express the receptor. This protein is stress-induced and is similar to MHC class I molecules; however, it does not associate with beta-2-microglobulin or bind peptides. Alternative splicing results in multiple transcript variants.

## Immunogen Information

### Gene ID

100507436/4277

### Swiss Prot

Q29983/Q29980

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 23-298 of human MICB (NP\_005922.2).

### Synonyms

MIC-A; PERB11.1; PERB11.2; MICB

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

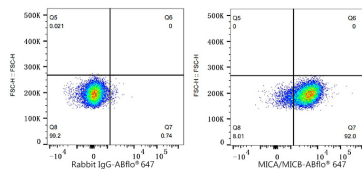
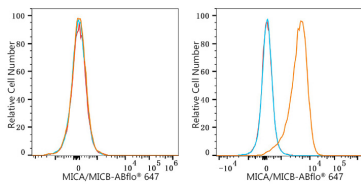
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  SH-SY5Y cells (negative control, left) and K-562 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human MICA/MICB mAb (A25277, 5  $\mu$ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  K-562 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Human MICA/MICB mAb (A25277, 5  $\mu$ l/Test, right).