

# ABflo® 647 Rabbit anti-Human IgE mAb

Catalog No.: A23697

## Basic Information

### Observed MW

### Calculated MW

47kDa/47kDa/54kDa/59kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC60066-ABf647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

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

## Background

IgE is the class of antibodies produced in the lungs, skin, and mucous membranes. It may protect against parasite invasion, but it is a major factor in allergic reactions. The antigen-specific IgE interacts with mast cells and eosinophils, triggers the release of histamine, leukotrienes and other substances that lead to the itching, sneezing and congestion of allergies - and the life threatening respiratory distress of asthma and anaphylactic shock.

## Immunogen Information

### Gene ID

3497

### Swiss Prot

P01854

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 104-428 of human IgE (P01854).

### Synonyms

IgE

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

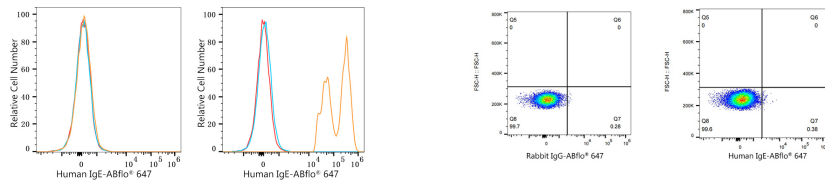
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  Hela cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 647 Rabbit anti-Human IgE mAb (A23697, 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:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Human IgE mAb (A23697, 5  $\mu$ l/Test, right).