

# ABflo® 647 Rabbit anti-Rat IgG mAb

Catalog No.: AS147

## Basic Information

### Observed MW

### Calculated MW

52kDa

### Category

Secondary antibody

### Applications

FC

### Cross-Reactivity

Rat

### CloneNo number

ARC70680

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Background

Predicted to enable antigen binding activity and immunoglobulin receptor binding activity. Predicted to act upstream of or within several processes, including antibody-dependent cellular cytotoxicity; phagocytosis; and positive regulation of immune response. Predicted to be located in external side of plasma membrane and extracellular space. Predicted to be part of immunoglobulin complex, circulating. Orthologous to human IGHG1 (immunoglobulin heavy constant gamma 1 (G1m marker)).

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

299354

### Swiss Prot

Q569B4

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

Ighg; RGD1359539

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

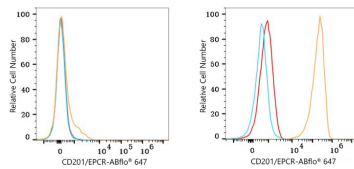
Affinity purification

### Storage

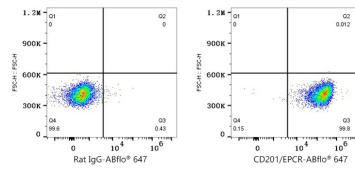
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

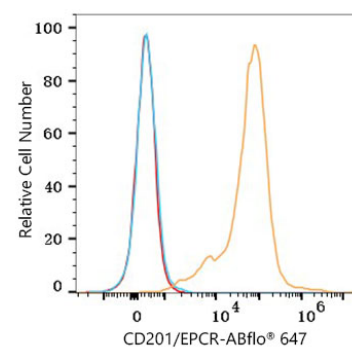
## Validation Data



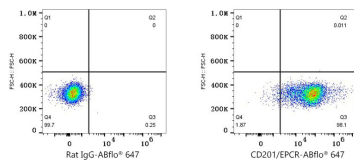
Flow cytometry:  $1 \times 10^6$  Jurkat cells (negative control, left) and HUVEC cells (right) were surface-stained with Rat anti-human CD201 (EPCR) (2  $\mu\text{g}/\text{mL}$ , orange line) or Rat IgG isotype control (2  $\mu\text{g}/\text{mL}$ , blue line), followed by ABflo® 647 Rabbit anti-Rat IgG mAb (AS147,5  $\mu\text{l}/\text{Test}$ ) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  HUVEC cells were surface-stained with Rat IgG isotype control (2  $\mu\text{g}/\text{mL}$ , left) or Rat anti-human CD201 (EPCR) (2  $\mu\text{g}/\text{mL}$ , right). ABflo® 647 Rabbit anti-Rat IgG mAb (AS147,5  $\mu\text{l}/\text{Test}$ ) was used as a secondary antibody.



Flow cytometry:  $1 \times 10^6$  A549 cells were surface-stained with Rat anti-human CD201 (EPCR) (2  $\mu\text{g}/\text{mL}$ , orange line) or Rat IgG isotype control (2  $\mu\text{g}/\text{mL}$ , blue line), followed by ABflo® 647 Rabbit anti-Rat IgG mAb (AS147,5  $\mu\text{l}/\text{Test}$ ) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  A549 cells were surface-stained with Rat IgG isotype control (2  $\mu\text{g}/\text{mL}$ , left) or Rat anti-human CD201 (EPCR) (2  $\mu\text{g}/\text{mL}$ , right). ABflo® 647 Rabbit anti-Rat IgG mAb (AS147,5  $\mu\text{l}/\text{Test}$ ) was used as a secondary antibody.