Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Rat IgG mAb

Catalog No.: AS146

Basic Information

Observed MW

Calculated MW
52kDa

Category
Secondary antibody

Applications
FC

Cross-Reactivity
Rat

CloneNo number
ARC70680

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
299354

Swiss Prot
Q569B4

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 255-468 of rat IgG (Q569B4).

Synonyms
Ighg; RGD1359539

Contact

400-999-6126

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Product Information

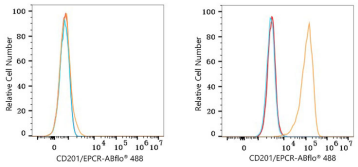
Source
Rabbit

Isotype
IgG

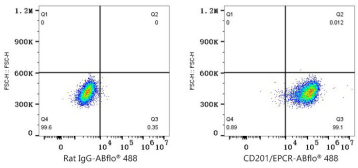
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

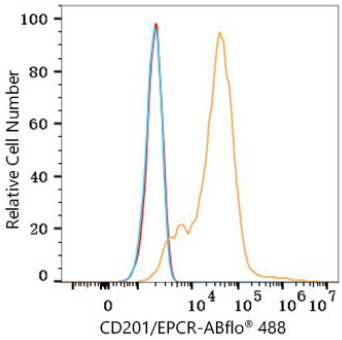
Validation Data



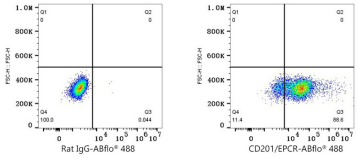
Flow cytometry: 1X10^6 Jurkat cells (negative control,left) and HUVEC cells (right) were surface-stained with Rat anti-human CD201 (EPCR) (2 µg/mL,orange line) or Rat IgG isotype control (2 µg/mL,blue line), followed by ABflo® 488 Rabbit anti-Rat IgG mAb (AS146,5 µl/Test) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 HUVEC cells were surface-stained with Rat IgG isotype control (2µg/mL,left) or Rat anti-human CD201 (EPCR) (2 µg/mL,right), followed by ABflo® 488 Rabbit anti-Rat IgG mAb (AS146,5 µl/Test) staining.



Flow cytometry: 1X10^6 A549 cells were surface-stained with Rat anti-human CD201 (EPCR) (2 µg/mL,orange line) or Rat IgG isotype control (2 µg/mL,blue line), followed by ABflo® 488 Rabbit anti-Rat IgG mAb (AS146,5 µl/Test) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 A549 cells were surface-stained with Rat IgG isotype control (2µg/mL,left) or Rat anti-human CD201 (EPCR) (2 µg/mL,right), followed by ABflo® 488 Rabbit anti-Rat IgG mAb (AS146,5 µl/Test) staining.