

PE Rabbit anti-Rat IgG1 (Fc) mAb

Catalog NO.: AS172

Basic Information

Observed MW

Calculated MW

52kDa

Category

Secondary Antibodies

Applications

FC

Cross-Reactivity

Rat

Conjugation

PE. Ex:565nm. Em:574nm.

Clone number

ARC72189

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 10⁶ 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

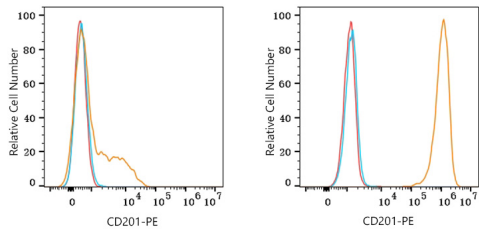
Contact

Product Information

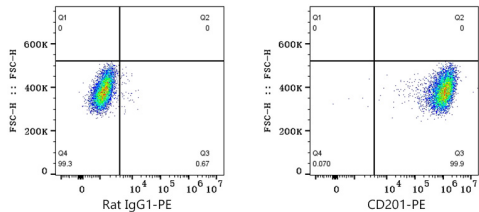
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10^6 Jurkat cells (negative control,left) and HUVEC cells (right) were surface-stained with Rat anti Human CD201 mAb (Rat IgG1,2 µg/mL,orange line) or Rat IgG1 isotype control (2 µg/mL,blue line), followed by PE Rabbit anti-Rat IgG1 (Fc) mAb (AS172,5 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 IgG1 isotype control (2 µg/mL,left) or Rat anti Human CD201 mAb (Rat IgG1,2 µg/mL,right), followed by PE Rabbit anti-Rat IgG1 (Fc) mAb (AS172,5 µl/Test) staining.

