

PE conjugated Monoclonal Anti-Human IgG Antibody, Mouse IgG1 (6F11C8)

Catalog # IGG-PFS307



Source

Monoclonal Anti-Human IgG Antibody, Mouse IgG1 (6F11C8) is recombinantly expressed from CHO, which provides higher batch consistency and long term security of supply.

Antibody Type

Recombinant Monoclonal

Clone

6F11C8

Isotype

Mouse IgG1, Kappa

Host Species

Mouse

Reactivity

Human IgG Fc, including IgG1–IgG4 isotypes and Fc-engineered variants (e.g. N297A, LALA, YTE, LS, S239D/I332E)

Immunogen

Recombinant Human Fc derived from CHO cells

Conjugate

PE

Excitation Wavelength: 488 nm / 561 nm

Emission Wavelength: 575 nm

Specificity

Specifically binds to the Fc region of human IgG.

Application

Application	Recommended Use
Flow Cytometry	1:50

** Recommended dilutions are for reference only. Optimal working concentrations may vary depending on your consumables, reagents, and assay conditions. We recommend optimizing for your specific system. No warranty is made regarding performance at any specific dilution.*

Isotype Control

The isotype control is sold separately; please refer to Cat. No. [DNP-PM1](#) for product information.

Concentration

Please refer to the Certificate of Analysis (CoA).

Form

Lyophilized

Formulation

Lyophilized from a 0.22 µm-filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

Shipping

Lyophilized product is shipped at ambient temperature.

Storage

For long term storage, the product should be stored in a lyophilized state at -20°C or lower.

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 24 months in lyophilized state;
- -70°C for 12 months after reconstitution.
- 2-8 °C for 12 months after reconstitution.

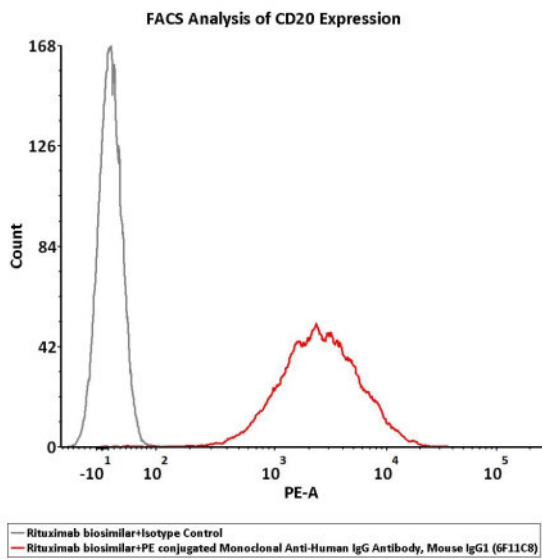
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

Activity-Flow Cytometry



Flow cytometric analysis of raji cells stained with 100 µL of 10 µg/mL Rituximab biosimilar–Research Grade (Cat. No. CD0-M36), washed and then followed with PE conjugated Monoclonal Anti-Human IgG Antibody, Mouse IgG1 (6F11C8) (Cat. No. IGG-PFS307) at a 1:50 dilution (2 µL of antibody stock solution was used to stain 1x10⁶ cells in a final volume of 100 µL), with an isotype control antibody included as a negative control. PE fluorescence signals was used to evaluate binding activity (QC tested).

Background

Crystallizable fragments composed of the carboxy-terminal halves of both IMMUNOGLOBULIN HEAVY CHAINS linked to each other by disulfide bonds. Fc fragments contain the carboxy-terminal parts of the heavy chain constant regions that are responsible for the effector functions of an immunoglobulin (COMPLEMENT fixation, binding to the cell membrane via FC RECEPTORS, and placental transport).

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