

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

Catalog # IGG-AFS307



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

APC

Excitation Wavelength: 640 nm

Emission Wavelength: 661 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.*

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

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

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;

- -70°C for 3 months under sterile conditions after reconstitution.

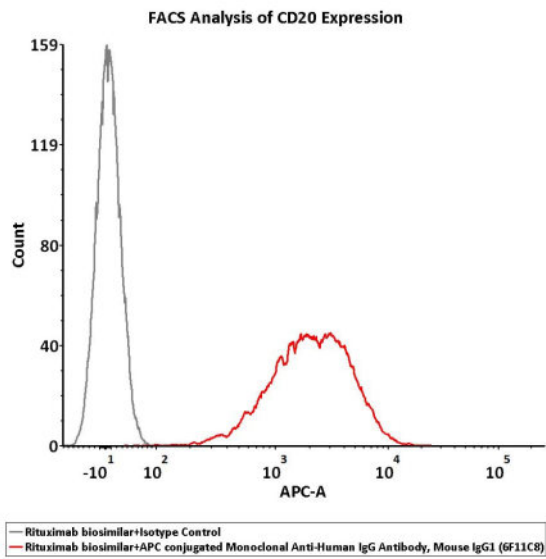
Notices

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 (MALS verified) (Cat. No. CD0-M36), washed and then followed with APC conjugated Monoclonal Anti-Human IgG Antibody, Mouse IgG1 (6F11C8) (Cat. No. IGG-AFS307) at a 1:50 dilution (2 µL of the antibody stock solution corresponds to labeling of 1e6 cells in a final volume of 100 µL) and analyzed with FACS. APC 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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