

APC/Cyanine7 Rabbit anti-Human CD14 mAb

Catalog No.: A26940

Basic Information

Observed MW

Calculated MW

40kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC65657-APC-Cy7

Conjugate

APC-Cy7. Ex:651nm. Em:779nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein.

Immunogen Information

Gene ID

929

Swiss Prot

P08571

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-352 of human CD14 (NP_000582.1).

Synonyms

CD14

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

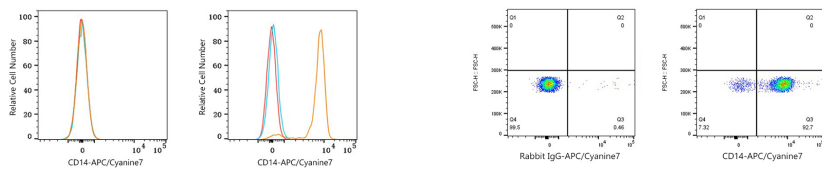
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 HUVEC cells (negative control, left) and Human PBMC (right) were surface-stained with APC/Cyanine7 Rabbit anti-Human CD14 mAb (A26940, 5 μ l/Test, orange line) or APC/Cyanine7 Rabbit IgG isotype control (5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Human PBMC were surface-stained with APC/Cyanine7 Rabbit IgG isotype control (5 μ l/Test, left) or APC/Cyanine7 Rabbit anti-Human CD14 mAb (A26940, 5 μ l/Test, right).