

Biotin Rabbit anti-Human/Monkey CD14 mAb

Catalog NO.: A28149

Basic Information

Observed MW

Calculated MW

40 kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human, Cynomolgus

Conjugation

Biotin

Clone number

ARC65657

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.

Recommended Dilutions

FC ≤0.25 µg per million cells in 100 µl volume

Immunogen Information

Gene ID

Hu 929 /Cyno 102129342

Swiss Prot

P08571

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

CD14

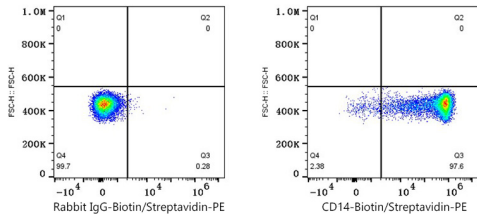
Contact

Product Information

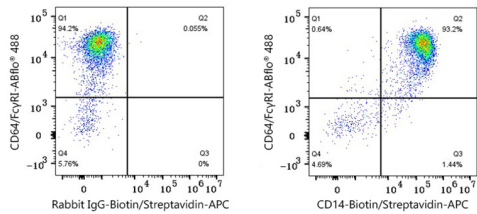
☒		order@abclonal.com
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10^6 Human PBMC were surface-stained with Biotin Rabbit IgG isotype control (A25626,5 μl/Test,left) or Biotin Rabbit anti-Human/Monkey CD14 mAb (A28149,0.25 μg,right), followed by PE Streptavidin staining. Cells in the monocyte gate were used for analysis.



Flow cytometry: 1X10^6 Cynomolgus PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD64/FcyRI mAb (A21939,5 μl/Test) and Biotin Rabbit IgG isotype control (A25626,5 μl/Test,left) or Biotin Rabbit anti-Human/Monkey CD14 mAb (A28149,0.25 μg,right), followed by APC Streptavidin staining. Cells in the monocyte gate were used for analysis.

